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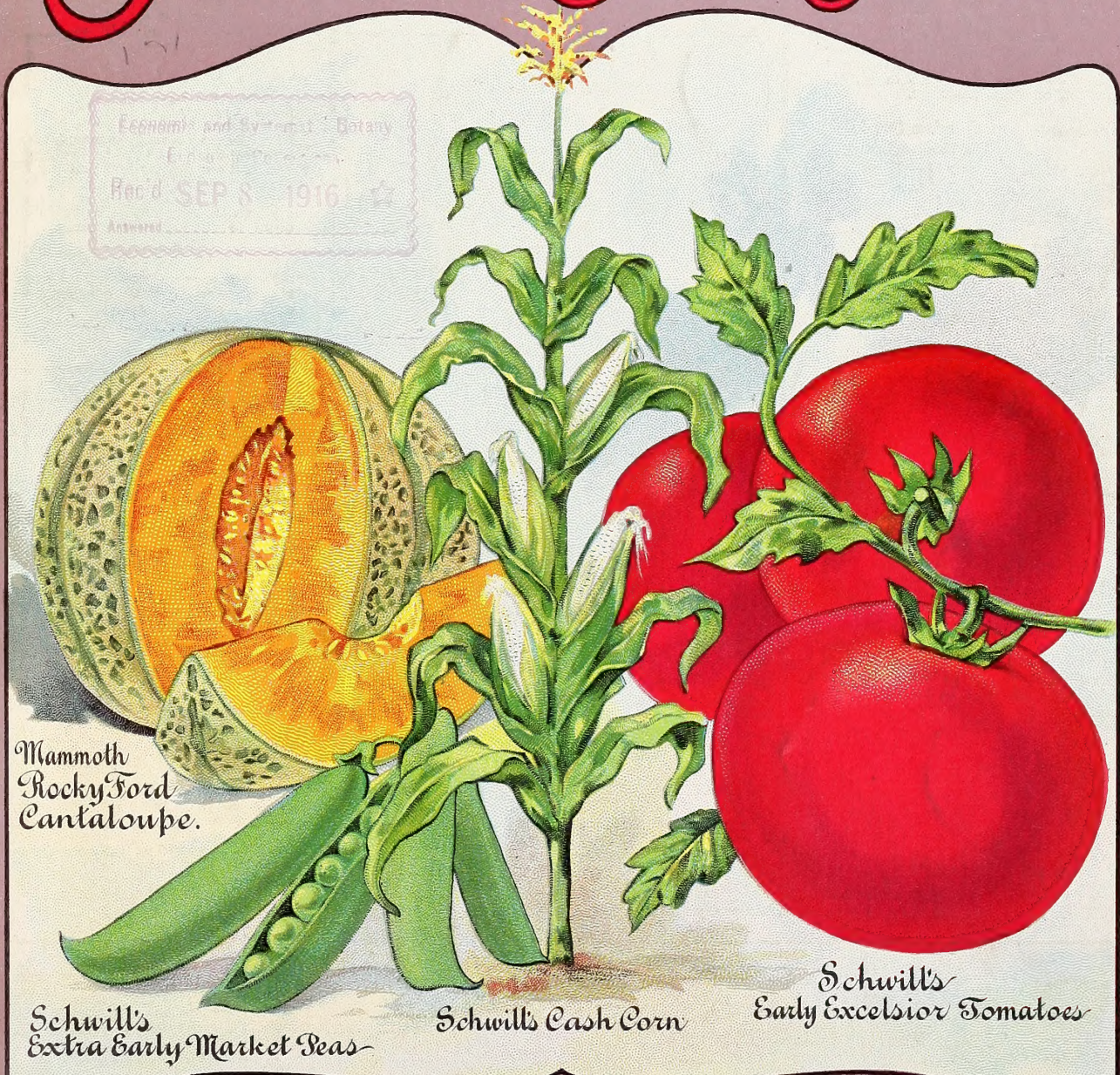
1869 — 47TH YEAR — 1916

SUCCESSFUL SEED SELLING.

Annual Catalogue of Schwill's Sure Seeds

Economic and Systematic Botany
Rec'd SEP 8 1916
Answered



Otto Schwill & Co.
Seed Growers Dealers & Importers
Memphis, Tenn.

1916 SCHWILL'S ANNUAL DESCRIPTIVE CATALOGUE BLUFF CITY BRAND 1916

High-Class Seeds, Trees and Poultry Supplies

BUY THE BEST. It is always the cheapest in the end. Nothing is more important than having good seeds. You can rely on all Seeds or Plants bought of us. A successfully managed seed business of 47 years, and we are still growing, has proven our seeds are right. It has been our constant aim to improve and handle only the highest grade stock. We know a pleased customer is our best advertisement.

Our mammoth four-story warehouse, as shown in the accompanying illustration, is equipped with most modern cleaning and elevating machinery, and no firm in the South is better prepared to furnish you with good, clean seed that have sure enough been recleaned. We do not and will not handle or offer any seed of low grade. Remember, the best is the cheapest, as low quality seeds are the most expensive thing you can buy.

Thanking our many customers for past favors, and trusting to have a continuance of same, we remain, yours faithfully, OTTO SCHWILL & CO., Seedsmen, Memphis, Tenn., Established 1869.
47 Years in the Seed Business.

Sales Department and Retail Store, 10 and 12 South Front St. Warehouse and Elevator, corner Kentucky and Georgia Avenues.

Discount on Bulk Seeds

In ½, 1 and 2 oz., ½ pt. and 1 pt. pkgs.

Remit $1.00 and select seeds in above size pkts. to value of $1.25.

Remit $2.00 and select seeds in above size pkts. to value of $2.60.

Please remember this discount will not apply to any prices quoted in our Market Gardeners' Price List, nor will it apply on any seeds quoted in ¼, ½, and 1 lb., or quart packages.

Discount on Garden Seeds in Packets

For $ .10 ....select any 3— 5c packets
For .25 ....select any 8— 5c packets
For .50 ....select any 17— 5c packets
For 1.00 ....select any 35— 5c packets
For .25 ....select any 3—10c packets
For .50 ....select any 7—10c packets

This offer applies to flat packets only, not to Peas, Beans or Corn.

Non-Warranty

Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or shallow planting, etc., which renders it impossible for us to guarantee success, and, although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we will give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. If they are not accepted on these conditions they must be returned at once. It must, however, be plain to every one who gives the matter the slightest thought, that it is to our best interest to send out only such stock as will not only grow, but prove true to name and description.

HYBRIDIZED POTATO SEED

FROM THE SEED-BALLS—HEADQUARTERS STOCK.

Millions never saw a Potato Seed Ball. Thousands have tried in vain to get the seed. Now is your opportunity. This unrivaled seed will produce an endless variety of new kinds. Your fortune may be in one of them. They are as easy to grow as tomatoes.

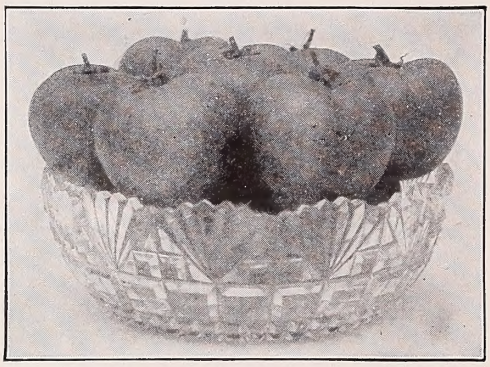


PHOTO OF POTATO SEED BALLS—ONE-HALF NATURAL SIZE.

It is from these that ALL valuable new varieties of Potatoes are produced.

Growing new and distinct Seedling Potatoes from the Seed-Ball Seed is intensely interesting. They will be the greatest curiosity of your garden. This seed will positively produce innumerable new kinds, colors, shapes, sizes, and qualities. The product will astonish you. Some may be of immense value and bring you a golden harvest. Every farmer, gardener, and bright boy should plant a few packets. You may be one of the lucky ones. Full directions on every packet.

READ THESE EXTRACTS FROM CUSTOMERS LETTERS.

"I grew 101 Potatoes from one plant of your Potato Seed. Every plant was a different variety." Mrs. Ellen Keener.

"I raised 50 Hills from one Packet; many kinds and colors; some early, some late. 94 Potatoes in one hill." J. H. Skinner.

"Your remarkable Potato Seed produced white, pink, red, purple, blue, cream, russet, and black potatoes." W. M. Johnson.

"Your Potato Seed is a wonder. I grew 115 different varieties from one Packet—the finest I ever saw." C. E. Flint.

"I grew 45 pounds of Seedling Potatoes from one Packet. I expect wonders from them next year." Thomas Lucas.

Packet 15 cts. 2 for 25c. 5 for 50c. 10 for $1.

The Prices We Quote

On Grass Seed, Grains and all Farm Seeds are those ruling January 1, 1916, and are subject to change. As far as possible, we will fill in full all orders for seeds that are quoted subject to variation in price, but if market values will not permit this, we will send all that money remitted will pay for.

Cash With Order

Please send money with the order sufficient to cover the whole bill, and remit by express money order or registered letter. Checks covering payment of goods must include 10 cents for collecting them. You will avoid delay by remitting by express or postoffice money order. We decline sending goods "Collect On Delivery" unless remittances be made on account to guarantee acceptance.

Our Reliability

New customers may hestitate to send money to a firm they know nothing about. We should be pleased to have you inquire as to our responsibility of Bradstreet's or Dun's Commercial Agencies, the Commercial Trust & Savings Bank, or the Central-State National Bank of this city.

SATISFACTION GUARANTEED

We realize most fully that in the seed business—more so than in any other—"a pleased customer is the best advertisement," and our undivided attention is given to satisfy our patrons, so that they will remain with us permanently. From past experience, we are confident of our ability to please the most fastidious, and all we ask of those who have not yet dealt with us is to send us a trial order and be convinced of the superior quality of our seeds, and our fair and square method of doing business.

EVERGREEN TREES BY MAIL—Postpaid—12 Packages as Below

Fine for Hedges, Windbreaks and Ornamental Lawn planting. These packages cannot be broken. By mail postpaid to destination. Safe arrival guaranteed to any point in United States. **Price, $1.00 per package; any 6 packages for $5.00.**

Complete planting instructions and culture directions will be furnished with each order.

These varieties have been thoroughly tested and proven absolutely hardy and reliable and will grow successfully in all parts of the country. Send in your orders as early as possible to avoid disappointment, as stock is limited. Shipment will be made in March, April or May. **Select any one of the following collections for $1.00:**

No. 1–100 Norway Spruce	3 yr. Seedlings	No. 5–100 White Pine	2 yr. Seedlings	No. 9–100 Jack Pine	2 yr. Seedlings
No. 2–100 Scotch Pine	2 yr. Seedlings	No. 6– 50 Blk. Hill Spruce	4 yr. Seedlings	No. 10– 50 Red Cedar	2 yr. Seedlings
No. 3–100 Douglas Fir	3 yr. Seedlings	No. 7–100 Am. Arbor Vitae	3 yr. Seedlings	No. 11–100 Ponderosa Pine	2 yr. Seedlings
No. 4– 50 Colo. Blue Spruce	3 yr. Seedlings	No. 8–100 Dwarf Mt. Pine	3 yr. Seedlings	No. 12–100 White Spruce	3 yr. Seedlings

Price, any one of the above collections, postpaid, $1.00 per package; any 6 for $5.00.

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S. C. TOOF & CO., PRINTERS, MEMPHIS

ORDER FOR SEEDS AND POULTRY SUPPLIES

TO

OTTO SCHWILL & CO.
SEEDSMEN

ESTABLISHED 1869 — MEMPHIS, TENN.

TERMS—Cash with Order. No Goods sent C.O.D.

Name _____

Street, P. O. Box or Rural Delivery _____

Post Office _____

Express or Freight Office (If different from P. O.) _____

County _____ State _____

Date _____

GENTLEMEN:

Enclosed find $ _____ for which please send me goods ordered below.

By (State whether wanted by Mail, Express or Freight) _____

Send Money by Registered Letter, Money Order, Stamps, or N. Y. Exchange. Do not send personal Checks, as our Banks charge 10 cents for collecting the latter, and delay is thus caused.

PARCEL POSTAGE PAID

In considering our prices in this Catalogue, please bear in mind that we pay the postage on all Vegetable and Flower seeds by the packet — ounce, quarter-pound, pound, pint and quart, **excepting on the Market Gardener's Bulk list on pages 2 and 3.**

Please be Particular to Write Your Name and Address Distinctly and In Full with Each Order.

QUANTITY	NAMES OF SEEDS, ETC., WANTED	PRICE Dollars	Cents
	Amount Carried Forward,		

WE HAVE THE MOST COMPLETE STOCK OF POULTRY AND BEE SUPPLIES IN THE SOUTH

MARKET GARDENERS' PRICE LIST.

IF YOU GROW FOR MARKET OR BUY SEEDS IN BULK, SEE PAGES 2 AND 3.

Our Mailing List in no case applies to Farm Seeds, Onion Sets, or any other heavy Seeds, Nursery Stock, Poultry Foods, Insect Powders, etc., unless noted otherwise.

QUANTITY	NAMES OF SEEDS, ETC., WANTED	PRICE Dollars	PRICE Cents
	Amount Brought Forward,		
	TOTAL,		

Kindly write below the names and addresses of a few persons who buy seeds and trees. We wish to send them our Catalogue, and we will put you in a few packets of new varieties of seeds with your order.

NAMES	POST-OFFICE	STATE

Vegetable Plants

All orders for vegetable plants will be filled in season when plants are in right condition, and at the right time. See dates below when different varieties are ready for shipment.

We can supply in any quantity, in their proper season, all vegetable plants, here mentioned, and ship directly from beds, well packed, on the shortest notice. NOTICE—If we should for any reason be out of any variety ordered, we will send some other similar variety in place of it, unless requested to the contrary.

At prices quoted, they are sent by express at purchaser's expense, excepting where noted by mail. As plants are perishable, we advise all large lots to be forwarded by express. They must be sent separately from any greenhouse plants, roses, etc. We do not send vegetable plants with greenhouse plants.

Porto Rica Yam Sweet Potato Plants.

A new variety from the South, which is superior to the now well known Nancy Hall, being earlier and more productive, while fully equal in quality. The outside skin is a deep golden yellow, flesh darker yellow and superb in quality. The tubers are not quite as long as the Nancy Hall, however, they are smooth and regular. The vines run, making it a very productive variety. We were fortunate in growing a lot of nice seed the past season, and will have plants or draws ready May 1st. **Price, per 100, 35c; 500 for $1.50; 1000 for $3.00. By parcel post, per 100, 45c; 500 for $1.75.**

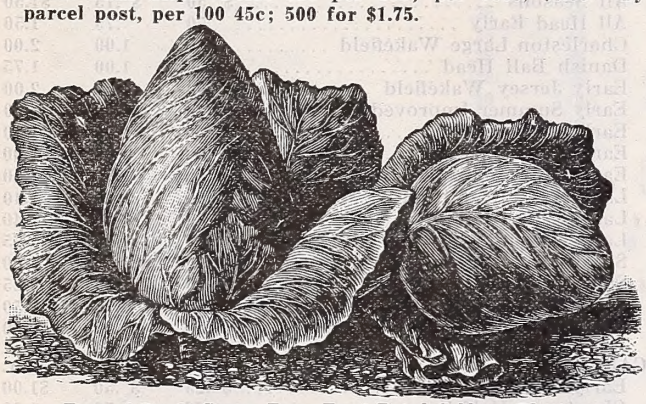
Sweet Potato Plants.

Ready April 25th and Up to July 1st.

Gold Coin Bunch Yam	**Early Triumph**	**Red Brazilian**
Bunch Yellow Yam	**Nancy Hall**	**Yellow Yam**

Prices, per 100, 25c; 1000, $2.00; 10,000, $17.50. By parcel post, per 100, 35c; 500, $1.50.

Florida Yam Slips—Price 35c per 100; per 1000, $3.00. By parcel post, per 100 45c; 500 for $1.75.



Type of Heads Grown From Frost-Proof Cabbage Plants. Variety: "Charleston Wakefield."

Frost-Proof Cabbage Plants.

Ready January 1st.

These are hardy outdoor-grown plants that will stand any kind of weather. The seed is planted in October and November, in a section in the South especially suited for this purpose. We are growing several million of plants this year, and will be able to supply all orders. By recent experiments, we have located a desirable climatic condition near the Gulf, and the plants will be satisfactory in every way.

The use of open air, practically frost-proof, cabbage plants often enables the truck gardener to put full grown heads of cabbage on the market two to three weeks ahead of the ordinary home-grown plants, and of course he gets the top prices for his crop.

The Frost-Proof Plants may not look a bright, green color, like the tender hotbed seedlings, as naturally their outdoor winter growth, standing through frosts, light freezes, discolors them and gives them a stunted appearance. Set them out, and their excellent growth, as soon as the weather warms up, will make you forget how they looked.

These plants are from the very best grown seed, and will be sent both from Memphis and from our grower at purchaser's option at prices below.

Will have the following varieties: **Early Jersey Wakefield, Charleston or Large Wakefield, Early Flat Dutch and Succession.**

Prices, f.o.b. Memphis, 100 for 25c; 500 for $1.25; 1000 for $2.00.

Prices, f.o.b. Growing Station, 500 for $1.00; 1000 for $1.50; 5,000 for $6.25; 10,000 for $10.00.

All plants packed 500, 1000 and 2000 to the box.

Prices, by parcel post, 100 for 35c; 500 for $1.50; 1000 for $2.35.

No orders filled for less than 100 plants of a variety.

Cabbage Plants.

Strong hotbed Stock, Ready March 10th.

Early Jersey Wakefield	**Early Flat Dutch**
Early Summer	**Large Late Drumhead**
Charleston Wakefield	**Succession**

Price, 35c per 100; $2.00 per 1000. By parcel post, 45c per 100; $1.50 for 500. All plants tied 50 to the bundle.

Tomato Plants.

Ready March 25th, and Up to June 1st.

Our own growing; all first-class stock, varieties as follows:

Acme	**Livingston's Globe**	**Ponderosa**
Early Detroit	**Beauty**	**Stone**

Prices, Hotbed or Seedling Plants, doz., 15c; 100, 50c; 1000, $4.00. By parcel post, doz., 25c; 100, 70c.

Prices, Transplanted Stock, doz., 25c; 100, $1.50; 1000 $10.00. By parcel post, doz., 35c; 100, $1.85.

Prices, Potted Plants, doz., 60c; 100, $4.50. By parcel post, doz, 85c.

Cauliflower Plants.

Ready March 10th and Up to May 1st.

Early Snow Ball	**Danish Giant**

Prices, Strong Hotbed Stock, doz., 20c; 50, 50c; 100, 75c. By parcel post, doz., 30c; 50, 65c; 100, $1.00.

Celery Plants.

Ready April 15th and Up to June 1st.

Hend White Plume	**Golden Self-Blanching**

Prices, Hotbed Stock, doz., 15c; 50, 35c; 100, 50c; 500, $2.00. By parcel post, doz., 25c; 50, 50c; 100, 75c; 500, $2.50.

Egg Plants.

Ready April 20th and Up to June 1st.

Black Beauty	**New York Improved Purple**

Prices, Hotbed Plants, doz., 25c; 100, $1.50. By parcel post, doz., 35c; 100, $1.85.

Prices, Potted Plants, doz., 60c; 100, $4.50. By parcel post, doz., 85c.

Lettuce Plants.

Ready March 10th and Up to May 1st.

Big Boston	**Large White Cabbage Head**

Prices, Hotbed Stock, 50 for 20c; 100, 35c; 1000, $2.50. By parcel post, 50 for 30c; 100, 55c.

Pepper Plants.

Ready April 20th and Up to June 1st.

Chinese Giant	**Long Red**	**Neapolitan Sweet**

Prices, Hotbed Plants, doz., 25c; 100, $1.50. By parcel post, doz., 35c; 100, $1.85.

Prices, Potted Plants, doz., 60c; 100, $4.50. By parcel post, doz., 85c.

Asparagus Roots.

Palmetto—The large stem; best variety; stalks large, white and tender.

Price, by express, 2-year roots, doz., 25c; 50 for 75c; 100 for $1.00; 1,000 for $6.00.

Price, by express, 3-year roots, doz., 40c; 50 for $1.00; 100 for $1.50; 1,000 for $10.00.

Price, by parcel post, 2-year roots, doz., 35c; 50 for $1.00; 100 for $1.40.

Price, by parcel post, 3-year roots, doz., 50c; 50 for $1.25; 100 for $2.00.

Bulk Price List of Schwill's Sure Seeds for Market Gardeners and Truckers

1916 **1916**

AT prices quoted on this Bulk List, there are no further discounts or premiums. We have made everything at close figures, which are net f. o. b. Memphis for shipment by express or freight at purchaser's expense. Plant Bluff City Seeds. They bring results; are true to name. Strictly new crop, especially selected for market gardeners. Write for special prices on Seed Potatoes, Onion Sets and Seed Corn.

The following prices are free on board Memphis, subject to change of the market. Terms, cash with order. Postage, express or freight charges must be paid by the purchaser. Two bushel seamless bags 20 cents extra. If seeds are wanted by mail that are quoted on this Bulk List, postage at the rate of 7 cents per pound must be added to these quotations.

BEANS, BUSH (Green Pod)	4 Qts.	Pk.	Bu.
Black Valentine	$1.25	$2.50	$9.00
Burpee's Stringless Green Pod	1.25	2.50	9.50
Hopkins Earliest Valentine	1.00	2.00	8.00
Improved Early Red Valentine	1.00	2.00	7.50
Mohawk Early Six Weeks	1.25	2.00	7.50
Tennessee Green Pod	1.25	2.25	8.50

BEANS, BUSH (Wax Pod)	4 Qts.	Pk.	Bu.
Currie's Rust Proof Wax		Crop Failed	
Davis White Wax		Crop Failed	
Flageolet Violet Wax		Crop Failed	
Hodson's Wax		Crop Failed	
German or Black Wax		Crop Failed	
Golden Wax, Improved		Crop Failed	
Golden-Eyed Wax		Crop Failed	
Wardwell's Kidney Wax		Crop Failed	

BEANS, BUSH LIMA	4 Qts.	Pk.	Bu.
Burpee's Improved Bush Lima	$1.50	$2.50	$9.00
Henderson's Bush Lima	1.25	2.00	8.00
Woods' Prolific Bush Lima	1.25	2.00	8.00

BEANS, POLE OR RUNNING	4 Qts.	Pk.	Bu.
Golden Cluster Pole Wax	$1.40	$2.50	$9.50
Kentucky Wonder	1.00	2.00	7.50
Red Speckled Cut Short	1.25	2.00	7.50
Southern Creasback	1.25	2.25	8.00
Scotia or Cornfield	1.25	2.50	9.00

BEANS, POLE LIMA	4 Qts.	Pk.	Bu.
Carolina or Sieve, Small Butter	$1.25	$2.00	$8.00
King of the Garden Lima	1.00	2.00	7.50
Large White Lima	1.00	2.00	7.50
Schwill's Monstrous Lima	1.25	2.25	8.50

PEAS, GARDEN	4 Qts.	Pk.	Bu.
Alaska, Extra Early	$ .75	$1.50	$5.00
Ameer	1.25	2.00	7.50
American Wonder	1.25	2.00	7.50
Alderman	1.10	2.00	7.50
Claudit	1.25	2.00	7.50
Champion of England	1.00	1.50	5.50
Early May	.75	1.50	5.00
First and Best, Extra Early	.75	1.50	5.00
Gradus or Prosperity	1.25	2.00	7.50
Large White Marrowfat	.75	1.25	4.50
McLean's Little Gem	1.00	2.00	7.50
Nott's Excelsior	1.00	2.00	7.50
Schwill's Prolific Early Market	1.00	2.00	7.00
Telephone	1.25	2.00	7.50

BEET (Table Variety)	¼ lb.	½ lb.	1 lb.
Crosby's Early Egyptian	$ .25	$ .50	$1.00
Detroit Dark Blood Turnip	.40	.65	1.25
Eclipse Early Blood Turnip	.25	.45	.85
Extra Early Egyptian	.20	.40	.75
Early Blood Turnip	.25	.40	.80
Long Blood Red	.20	.35	.70
Market Gardeners'	.30	.50	1.00
Schwill's Excelsior	.30	.50	1.00

BEET (Mangel and Sugar)	½ lb.	1 lb.	5 lb.
Golden Tankard Mangel	$ .20	$ .35	$1.50
Mammoth Long Red Mangel	.20	.35	1.50
Giant Feeding Sugar	.20	.35	1.50
Klein Wanzleben	.20	.35	1.50
Lane's Imperial	.20	.35	1.50

GARDEN CORN	4 Qts.	Pk.	Bu.
Adam's Extra Early	$ .50	$ .75	$2.50
Country Gentleman	.75	1.00	3.50
Early or Large Adams	.50	.75	2.50
Kendall's Early Giant	.75	1.00	3.50
Mammoth Large Sugar	.60	1.00	3.25
Stowell's Evergreen	.60	1.00	3.25
Schwill's Delicious Sugar	.75	1.00	3.50
Schwill's Early Surprise	.50	.75	2.25
Schwill's Improved Adams	.60	1.00	2.75
Truckers' Favorite	.50	.75	2.25
White Flint	.50	.75	2.50

CABBAGE	¼ lb.	½ lb.	1 lb.
All Seasons	$ .50	$ .75	$1.50
All Head Early	.50	.75	1.50
Charleston Large Wakefield	.60	1.00	2.00
Danish Ball Head	.60	1.00	1.75
Early Jersey Wakefield	.60	1.00	2.00
Early Summer Improved	.60	1.00	2.00
Early Drumhead	.40	.70	1.40
Early Flat Dutch	.60	1.00	2.00
Early Winningstadt	.40	.70	1.40
Large Late Drumhead	.40	.70	1.40
Large Late Flat Dutch	.40	.70	1.40
Large Drumhead Savoy	.60	1.00	1.75
Surehead	.50	.80	1.60
Succession	.65	1.25	2.25
Schwill's Frost-Proof Drumhead	.75	1.25	2.50
Schwill's Ideal Winter	.60	1.00	2.00

CARROT	¼ lb.	½ lb.	1 lb.
Early Scarlet Horn	$ .25	$ .50	$1.00
Chantenay Half Long	.30	.50	1.00
Half Long Danvers	.30	.50	1.00
Half Long Scarlet	.30	.50	1.00
Improved Long Orange	.25	.45	.90
Mammoth Orange	.30	.50	.90

COLLARDS	¼ lb.	½ lb.	1 lb.
Georgia White Cabbage	$ .25	$ .40	$ .80
North Carolina Buncombe	.30	.50	.90
Southern or Georgia	.25	.40	.70

CELERY	¼ lb.	½ lb.	1 lb.
Columbian	$ .90	$1.50	$3.00
Henderson's White Plume	.60	1.00	1.90
Giant Paschal	.60	1.00	1.90
Golden Self-Blanching	1.75	3.00	5.50

CUCUMBER	¼ lb.	½ lb.	1 lb.
Arlington White Spine	$ .25	$ .45	$ .90
Cumberland Pickle	.25	.45	.90
Davis' Perfect	.30	.50	1.00
Early Frame	.25	.40	.75
Early Green Cluster	.25	.40	.75
Extra Early Long Green	.25	.50	1.00
Extra Long White Spine	.25	.40	.80
Early Fortune	.25	.50	.90
Henderson's Perfected	.30	.50	.80
Improved Long Green	.25	.50	.80
Improved Early White Spine	.25	.50	.80
Long Green Turkey	.25	.50	.80

EGG PLANT	¼ lb.	½ lb.	1 lb.
Black Beauty	$1.00	$2.00	$4.00
N. Y. Improved Purple	.90	1.75	3.50

ENDIVE	¼ lb.	½ lb.	1 lb.
Large Green Curled	$ .40	$ .70	$1.10

Bulk Price List of Schwill's Sure Seeds for Market Gardeners and Truckers—Continued.

KOHL RABI	¼ lb.	½ lb.	1 lb.
Early White Vienna	$ .50	$1.00	$1.75

KALE	¼ lb.	½ lb.	1 lb.
Dwarf German Curled	$ .20	$ .30	$ .50
Tall Green Curled Scotch	.20	.30	.50

LEEK	¼ lb.	½ lb.	1 lb.
American Flag	$ .50	$1.00	$1.75
Large London Flag	.45	.80	1.50

LETTUCE	¼ lb.	½ lb.	1 lb.
Big Boston	$ .50	$ .75	$1.25
Burpee's Wayahead	.60	1.00	2.00
California Cream Butter	.40	.60	1.00
Early Curled Simpson	.40	.60	.90
Hanson Head	.40	.60	.90
Grand Rapids	.50	.75	1.25
Iceberg	.50	.70	1.10
Hubbard Market	.40	.60	.90
May King	.40	.75	1.25
Passion	.45	.70	1.10
St. Louis Market	.50	.75	1.25
Schwill's Champion	.50	.75	1.50
Schwill's Perfection	.50	.90	1.75
White Summer Cabbagehead	.40	.60	.85
Wonderful	.50	.75	1.25

CANTALOUPE	¼ lb.	½ lb.	1 lb.
Admiral Togo	$ .25	$ .50	$ .90
Baltimore or Acme	.20	.35	.65
Burrell Gem	.25	.40	.75
Cannon Ball	.25	.45	.80
Early Netted Gem	.25	.40	.70
Extra Early Hackensack	.25	.40	.70
Gold Lined Rocky Ford	.30	.50	1.00
Large Baltimore	.40	.75	1.25
Prolific Netted Nutmeg	.25	.40	.75
Rocky Ford	.25	.40	.75
Mammoth Rocky Ford	.30	.50	1.00
Schwill's Magnificent	.35	.65	1.25

WATERMELON	¼ lb.	½ lb.	1 lb.
Angel Kiss	$ .25	$ .40	$ .75
Alabama Sweets	.20	.35	.60
Arkansas Traveler	.40	.75	1.25
Augusta Rattlesnake	.25	.40	.75
Black Diamond	.15	.25	.45
Bradford	.20	.35	.70
Florida Favorite	.15	.30	.55
Georgia Rattlesnake	.15	.25	.45
Halbert Honey	.20	.35	.60
Jackson	.25	.40	.75
Jordon's Gray Monarch	.15	.25	.50
Kleckley Sweets	.20	.35	.60
Kolb Gem	.15	.25	.45
Mountain Sweet	.15	.25	.50
Monte Cristo	.20	.30	.60
Maule's All Heart	.50	1.00	2.00
New Excel	.30	.50	1.00
Sweetheart	.15	.25	.45
Temple Gray	.30	.45	.80
Tom Watson	.25	.35	.60
Tom Watson's Special	.40	.75	1.25

MUSTARD	¼ lb.	½ lb.	1 lb.
Chinese Mammoth	$ .15	$ .25	$ .40
Elephant Ear	.20	.30	.50
Southern Giant Curled	.15	.25	.35

ONION	¼ lb.	½ lb.	1 lb.
Large Red Wethersfield	$ .50	$1.00	$2.00
Large Red Globe	.55	1.10	2.00
Prizetaker	.50	1.00	1.75
Yellow Globe Danvers	.50	.90	1.75
White or Silver Skin	.75	1.50	3.00

ONION SETS	Gal.	Pk.	Bu.
Red Wethersfield	$ .35	$ .65	$2.25
Yellow Globe Danvers	.35	.60	2.00
White or Silver Skin	.50	.90	3.00
Yellow Potato	.70	1.25	4.00

OKRA	¼ lb.	½ lb.	1 lb.
Early Dwarf Green	$ .15	$ .25	$ .40
French Market	.15	.25	.45
Kleckley Favorite	.15	.25	.45
Tall or Long Green	.15	.25	.40
White Velvet	.15	.25	.40

PARSLEY	¼ lb.	½ lb.	1 lb.
Double Curled	$ .30	$ .50	$ .85
Plain or Single	.20	.40	.70

PARSNIP	¼ lb.	½ lb.	1 lb.
Sugar or Hollow Crown	$ .25	$ .40	$ .75

PEPPER	¼ lb.	½ lb.	1 lb.
Bell or Bull Nose	$ .60	$1.00	$2.00
Chinese Giant	1.25	2.25	4.50
Crimson Giant	1.25	2.25	4.00
Long Red Cayenne	.60	1.00	2.00
Neapolitan Sweet	.75	1.25	2.50

PUMPKIN	¼ lb.	½ lb.	1 lb.
Connecticut Field	$ .15	$ .25	$ .40
Kentucky Yellow Field	.10	.15	.25
King of the Mammoth	.25	.50	.90
Striped Cushaw	.20	.40	.75
Tennessee Sweet Potato	.20	.40	.75

RADISH	¼ lb.	½ lb.	1 lb.
China Rose Winter	$ .20	$ .30	$ .55
Crimson Giant	.20	.30	.50
Early Scarlet Turnip	.20	.30	.45
Early Scarlet Turnip, White Tip	.20	.30	.50
Early Long Scarlet, Short Top	.15	.25	.40
Early White Turnip	.15	.25	.50
French Breakfast	.15	.25	.50
Icicle	.20	.30	.50
Long Black Spanish	.15	.25	.50
Round Black Spanish	.15	.25	.50
Schwill's Perfection White Tip	.20	.30	.55
Yellow Summer Turnip	.15	.25	.50
White Vienna	.15	.25	.45

SALSIFY	¼ lb.	½ lb.	1 lb.
Mammoth Sandwich Island	$ .50	$ .75	$1.50

SQUASH	¼ lb.	½ lb.	1 lb.
Boston Marrow	$ .20	$ .40	$ .75
Early White Bush	.20	.30	.60
Giant Yellow Summer Crookneck	.20	.40	.75
Hubbard	.25	.40	.70
Mammoth White Bush	.20	.30	.60
Yellow Summer Crookneck	.20	.40	.75

SPINACH	½ lb.	1 lb.	5 lb.
Bloomsdale Curled Savoy	$ .25	$ .40	$1.75
Victoria	.25	.40	1.75

TOMATO	¼ lb.	½ lb.	1 lb.
Acme	$ .60	$1.00	$1.75
Beauty	.50	1.00	1.75
Early Detroit	.75	1.25	2.25
Earliana	.60	1.00	1.75
Livingston's Globe	.75	1.25	2.50
Livingston's Perfection	.50	1.00	1.50
Ponderosa	.90	1.75	3.25
Red Rock	.75	1.25	2.50
Schwill's Excelsior	.75	1.25	2.50
Schwill's Premier	.75	1.25	2.50
Schwill's Red Majestic	1.00	2.00	3.50
Stone	.60	1.00	2.00

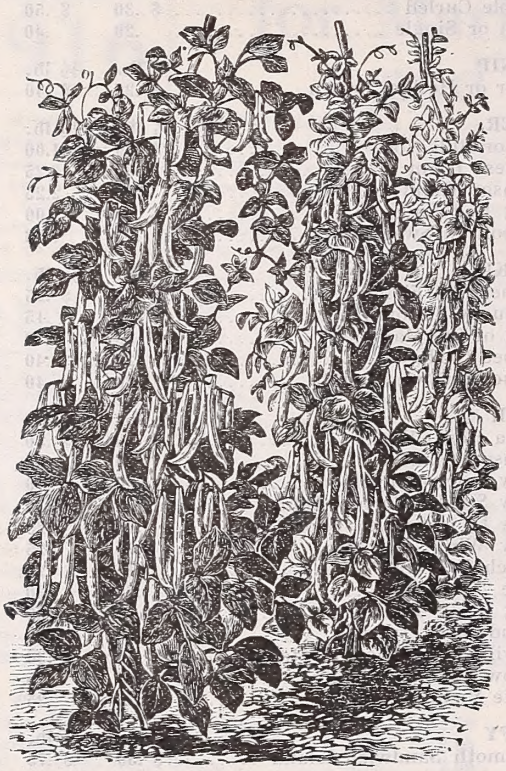
TURNIP (White Flesh)	½ lb.	1 lb.	5 lb.
Extra Early Purple Top Milan	$ .30	$ .60	$2.75
Early White Flat Dutch S. L.	.20	.35	1.50
Extra Early White Egg	.25	.40	1.75
Large White Globe	.20	.40	1.75
Mammoth Purple Top Globe	.20	.35	1.50
Red Top White Globe, American	.25	.40	1.75
Red or Purple Top S. L.	.20	.35	1.50
Seven Top	.20	.35	1.50
Dixie Land	.25	.40	1.75
Superb Mixed	.20	.35	1.50

TURNIP (Yellow Flesh)	½ lb.	1 lb.	5 lb.
Amber Globe	$ .20	$ .35	$1.50
Yellow Aberdeen	25	.40	1.75

RUTABAGA	½ lb.	1 lb.	5 lb.
Carter's Elephant	$ .30	$ .60	$2.50
Johnson's Favorite	.25	.50	2.00
Imp. Purple Top Yellow	.25	.45	2.00

All Prices Above are Subject to Important Changes in the Market and are F. O. B. Memphis.

Special New and Desirable Vegetable Seeds



Burger's Stringless Green Pod Pole Beans

Burger's Stringless Green Pod Pole Beans—This new pole bean is entirely stringless. Pods borne in clusters, average six to eight inches in length, are uniformly straight, of a rich dark green color and so meaty as to be nearly saddle-backed, very tender, no strings, fine flavored. The dry beans are pure white. **½ pint, 15c; pint, 30c; quart, 50c; 4 qts., $1.60, parcel post paid. By express not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.35.**

Tennessee Green Pod Bush Beans—Pods large dark green, fleshy and tender, and a splendid bearer; vines very hardy, stands heat well; one of the best varieties for the South. Strictly a Southern variety, and one that will please you. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Dreer's New Wonder Bush Lima Beans—Thick pods and large thick beans, three or four in a pod. Ripens fully ten days earlier than the Pole Lima of same name. **½ pt., 20c; pt., 30c; qt., 60c; 4 qts., $1.85, parcel post paid. By express, not prepaid, ½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.60.**

Schwill's Excelsior Beet—One of the earliest of any beet in existence. It is of perfect globe shape with small tap roots. The color of the flesh is very dark red. In flavor it cannot be beat. It is tender, sweet and juicy, retaining its crispness through the season. The foliage, which is of a very dark color, is very small, permitting close planting. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25, parcel post paid.**

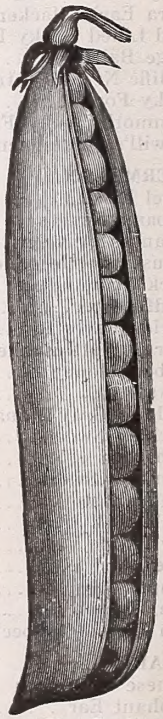
Schwill's Market Gardeners' Beet—This distinct table beet is remarkable for its uniform shape, of very deep colored flesh and has a fine sweet flavor. The bulbs develop quickly and can be sold when very young. They are smooth and free from small rootlets. Both skin and flesh are of an unusually deep rich blood crimson color, retaining this color when cooked. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25, parcel post paid.**

Golden Bantam Sweet Corn—A new variety of great merit. It is yellow in color, but very sweet; ears are small, well filled out at ends. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., $1.00, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 30c; 4 qts., 75c; pk., $1.25.**

Henderson's Perfected Cucumber

Henderson's Perfected Cucumber—An extra early, dark green White Spine strain, producing very uniform fruit in great abundance. The vine is vigorous and produces fruit for a long season. Fruit averages from eight to ten inches long, and is of the finest quality. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**

Golden Cream Sugar Corn



Burpee's Blue Bantam Pea

Burpee's Blue Bantam Pea—The best first early dwarf wrinkled pea. Bears abundantly, long handsome pods, fully as large and as early as Gradus, while vines require no staking. The handsome pods are four and one-half inches long, containing 8 to 10 large deep black green peas, not only large but they are of delicious flavor. Vines grow 15 inches in height and produce enormous crops, twice as many as the American Wonder, and besides the pods and peas are much larger. It is the finest dwarf English Pea that we have ever tried. **½ pt., 25c; pt., 45c; qt., 75c. Parcel post paid. By express, not prepaid, ½ pt., 20c; pt., 35c; qt., 60c.**

Golden Cream Sugar Corn—This new variety is a cross between Golden Bantam and Country Gentleman. Grains pointed, rich cream in color, and deliciously sweet, even better that regular Country Gentleman. You don't want to miss the new Sweet Corn. **½ pt., 15; pt., 25c; qt., 40c; 4 qts., $1.00, parcel post paid. By express, qt., 30c; 4 qts., 90c; pk., $1.50**

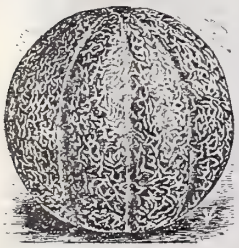
Burpee's Main Stay Cabbage

Burpee's Main Stay Early Cabbage—Medium size and very solid, round heads. Very near as early as Jersey Wakefield. The leaves fold close to the head, therefore, do not take up much space. The heads will remain in condition a long time, and with its extreme earliness and desirable shape gardeners and planters will find Burpee's New Main Stay a very desirable variety. **Pkt., 10c; ½ oz., 40c; 1 oz., 75c, parcel post paid.**

Schwill's Frost-Proof Drumhead Cabbage—This splendid sort was introduced by us a few years ago, and has proven the very best large hardy cabbage; stands out in the open field all winter without the slightest protection. It is by far the hardiest of any cabbage grown. Frost-proof, has a short stem and makes a deep blue and wide leaf, making a broad, flat, hard head, all very uniform in size. **Pkt., 5c; ½ oz., 25c; 1 oz., 40c; 2 oz., 60c; ¼ lb., 90c; 1 lb., $2.75, parcel post paid.**

Chinese Cabbage, Pi-Tsai—Makes a rapid growth and has a very attractive appearance. It is the best of the Chinese vegetables for American conditions. It does best where there are warm days and cool nights. Although the Chinese name is translated Cabbage-in-English, it is not of the same habit of growth as the vegetable familiar to us by that name. Pi-Tsai grows like loose lettuce. When cooked it has a splendid flavor, and gives out no offensive odor when cooking. In preparing "Pi-Tsai" for the table, it should not be cooked too long, as its tendency is to become soft. It may be used in soup or boiled whole, or prepared as a slaw or salad. **Pkt., 10c; oz., 35c.**

Copenhagen Market Cabbage—The best early round or flathead cabbage. The heads are nearly round, slightly flattened, good size, as large as Early Summer and will cut with the Charleston Wakefield. Heads are very hard; compact, of excellent quality. **Pkt., 5c; 1 oz., 40c; 2 oz., 60; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**



Burpee's Spicy Cantaloupe

Mammoth Rocky Ford Cantaloupe

Burpee's Spicy Cantaloupe—This new cantaloupe is quite distinctive. Has a peculiar rich, sugary flavor. The flesh is of a rich, deep salmon, two inches thick, entirely stringless, soft and melting, the delicious flavor extending to the rind. The melons are good size, do not crack. Vines vigorous and almost blight proof. Do not fail to try Burpee's New Spicy Cantaloupe this season. **Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

Mammoth Rocky Ford Cantaloupe—This is without doubt the finest strain of Rocky Ford on the market. Every melon is subjected to a rigid examination before being selected for seed, and they must conform to a standard set down by what the originator claims is the embodiment of an ideal melon. The general type of this melon is similar to the regular Rocky Ford, but they grow somewhat larger in size, making it a splendid variety for market. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25, parcel post paid.**

Henderson's Bush Cantaloupes—This recent introduction is a very desirable addition to the list of melons, as it is a variety that can be grown to advantage in small gardens where there is not sufficient room for the running types. It is a small, green flesh melon, a dependable cropper, sweet, and of a good flavor. **Pkt., 10c; oz., 40c.**

Delicious Gold-Lined Rocky Ford Cantaloupe—Shape slightly oval, no ribs, heavily netted all over, very thick-meated, fine grained and sweet; the flesh is green with a gold margin next to the seed cavity. A splendid melon for market on account of its showy appearance and superb quality. In size it is very much like the ordinary Rocky Ford, **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25, parcel post paid.**

Schwill's Magnificent Cantaloupe—Ten days earlier than Rocky Ford, twice as productive and larger in size. The melons are regular in size, form nearly round or slightly oval, and very closely netted, flesh bright green, luscious in flavor and ripens close to the rind. **If you want a real good** melon and at the same time one slightly larger than the Gem type, do not fail to order some of the Magnificent Cantaloupes. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.50, parcel post paid.**

Burpee's Wayahead Lettuce.

Burpee's Wayahead Lettuce—A superb new heading lettuce that is wayahead of any variety, both in earliness, size and quality. Outer leaves light green, and the inner leaves blanch to a rich butter yellow tint; the heads are very large and solid. Our customers will find it as Mr. Burpee says, Wayahead of anything else. **Pkt., 5c; ½ oz., 20c; 1 oz., 30c; 2 oz., 50c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

Schwill's Famous Cabbage Head Lettuce—This is one of the finest varieties of lettuce ever offered, and is superior to Big Boston in many ways. It does not scald in the heart and does not turn red from cold. It is just as large and as firm as Big Boston, and is a little lighter in color. It will hold up better and is an excellent shipping sort. Some market gardeners grow it throughout the season, but we especially recommend it for spring and fall use. If you have been using Big Boston, try this, for it will surely please you. **Pkt., 5c; 1 oz., 25c; 2 oz., 40c., ¼ lb., 75c; 1 lb., $2.25, parcel post paid.**

FINE GLADIOLUS BULBS.

Named Sorts–True to Color–Large Bulbs.

America—Soft lavender, pink, very fine.
Augusta—Pure white with blue anthers, tall.
Brenchleynsis—Intense scarlet, tall spike, very showy.
Pink Beauty—Large flower, dark pink, long spike.

Price any of above—doz., 45c; 50, $1.25; 100, $2.25, parcel post paid. By express at buyer's expense—doz., 35c; 50, $1.10; 100, $2.00.

Burpee's Sweet Upright Pepper

Burpee's Sweet Upright Pepper—Grows on upright thick stalks. Fruits as early as Bell or Bull Nose, but much larger, thick meated and always mild, and the most productive variety of all real sweet peppers. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00, parcel post paid.**

Burpee's Rapid Red Radish

16—ROSES—16

For Only $1.00, Parcel Post Paid.

All two-inch well rooted plants, best varieties in following colors:

2 White
2 Pink
2 Cream
2 Flesh Color
2 Blush White
2 Crimson
2 Deep Yellow
2 Striped

Try this selection. You will be well pleased.

Burpee's Rapid Red Radish—Get radishes in from 12 to 15 days after seed is up by sowing Burpee's Rapid Radish. Just think of less than two weeks and your radish bed will be fit for the table. Roots bright red, almost round, flesh crisp, brittle and mild. The quickest growing button radish in existence. **Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25, parcel post paid.**

Schwill's Early Bird Radish—This is a splendid strain of small, extra early, round, bright red radish. We have frequently had them ready for use in eighteen to twenty days after sowing the seed. Skin is a bright scarlet; flesh pure white, crisp, tender, and mild in flavor. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Schwill's Perfection Scarlet Turnip White Tipped Radish—A special stock white tipped radish, bright rose above with large white tip; very showy and distinct; matures early, in 24 days; crisp, tender and mild; can be used outdoors or in frames. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

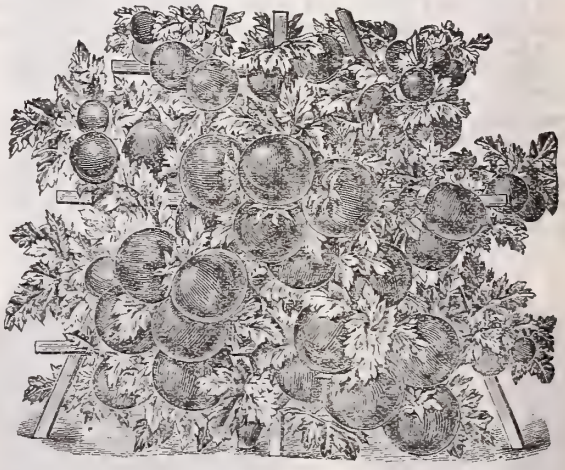
White Icicle Radish—One of the best early long, white sorts, suitable either for forcing or growing outside. Roots somewhat shorter and tops smaller than White Vienna. Very crisp and tender and of a beautiful waxy white color. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.**

Pimento Pepper—A delicious variety, most all meat. Very mild and of elegant flavor. Requires rich soil and plenty of moisture to make fruits grow to perfection. **Pkt., 10c; ½ oz., 35c; oz., 60c.**

Texas or Sweet Italian Pepper—A new sort, of recent introduction. The fruits are nearly heart-shaped, very mild and exceedingly prolific. They mature quite early, are green first, turning to red at maturity. It has become quite popular on account of its being both early and prolific. **Pkt., 5c; ½ oz., 25c; 1 oz., 50c; 2 oz., 90c; ¼ lb., $1.50; 1 lb., $4.00, parcel post paid.**

Neapolitan Giant Sweet Pepper

Neapolitan Giant Sweet Pepper—Decidedly the earliest of all large peppers, and the most productive. Most all the large varieties of peppers are shy bearers, but in Neapolitan we have a sure prolific and abundant cropper; the flesh is sweet and as mild as an apple; the fruit is extra large and will bear continuously until frost. **Pkt. 5c; ½ oz., 20c; 1 oz., 40c; 2 oz., 75c; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**



Burpee's Dwarf Giant Tomato

Burpee's Dwarf Giant Tomato—The largest fruited dwarf tomato, averaging one pound each, color rich purple crimson. Meat solid and of rich sweet flavor, free from any acidity. Vines vigorous, leaves thicker and darker green than most sorts, therefore less subject to blight, leaf curl or other fungus diseases than running tomatoes. Burpee's Dwarf Giant is a cross between Ponderosa and Dwarf Champion, and inherits size and characteristics of the former, being slightly ribbed, but solid and do not crack. The fruit is almost seedless, without any hard core. We find the new Dwarf Giant to be satisfactory in every way, vines upright, vigorous and productive. **Pkt., 10c; ½ oz., 35c; 1 oz., 65c; 2 oz., $1.00. Parcel post paid.**

My Maryland Tomato—A wonderful yielding variety. Will make any grower money. Large size, perfectly smooth, bright red in color, and bears throughout the season. It is the best second early main crop bright red tomato you can grow, as the grower says it is a real double yielder. **Pkt., 5c; ½ oz., 25c; 1 oz., 40c; 2 oz., 70c; ¼ lb., $1.00, Parcel post paid.**

Schwill's Excelsior Tomato

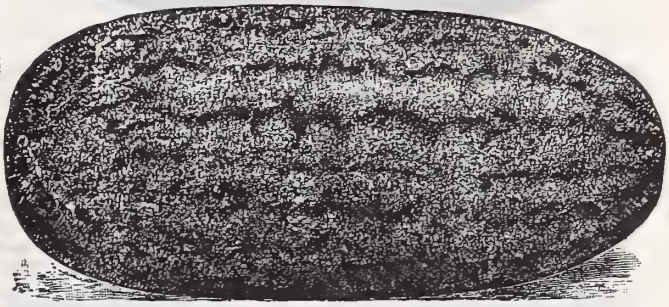
Schwill's Excelsior Tomato—Without the slightest exaggeration we can safely say that this new tomato is all that can be desired, either for market or home use, the gardener usually securing the highest price before his neighbor has tomatoes fit to sell. The vines are stronger and more vigorous than most sorts, and bear in clusters of four and five large, handsome, deep purple fruits, which are of a delightful flavor, and for solidity and smoothness cannot be excelled by any variety now in cultivation. In our trials it proved to be the earliest and smoothest tomato in all the varieties tested. **Pkt., 10c; ½ oz., 25; 1 oz., 40c; 2 oz., 75c; ¼ lb., $1.25.**

Maule's All Heart Watermelon

Maule's All Heart Watermelon—A wonderful new melon, having small seeds which are about the size of apple seeds, but notwithstanding this fact the average weight of this splendid variety is from 30 to 40 pounds, very solid and with thin rind. The deep red meat is sweet, crisp and tender, and pretty near all heart. A superb variety, both in quality, productiveness and size. Don't fail to plant it. **Pkt., 10c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.25, parcel post paid.**

John Baer Tomato

John Baer Tomato—The earliest large tomato in existence. Color bright red, smooth, solid and meaty. For early crop market gardeners will find it a money maker. We don't advise it, however, for general crop, on account of its color, as our markets prefer the pink tomatoes, but if you want real early fruit sow the John Baer Tomato. **Pkt., 5c; ½ oz., 25c; 1 oz., 40c, parcel post paid.**



New Excel Watermelon

New Excel Watermelon—A distinct new variety, having two colors of seed, caused in crossing, but nevertheless it is distinct. The Excel produces very long and large melons, weighing from forty to sixty pounds each. The dark green striped rind is tough and stands all kinds of handling. The deep red flesh is crisp and melting, of finest flavor and entirely free from any strings or hard cores, heart large and firm with unusually small seed cavity. This new melon comes from one of the best and most reliable growers in Florida, and you will find the melon all we claim for it. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25, parcel post paid.**

Burpee's Fordhook Early—The earliest large fruited melon in cultivation. Fruit short and blocky in form with large diameter. Dark green striped rind, which is very thin but firm. Splendid quality, red meated and very crisp and tender. Its earliness and size make it desirable. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**

FANCY SHOW DAHLIA BULBS.

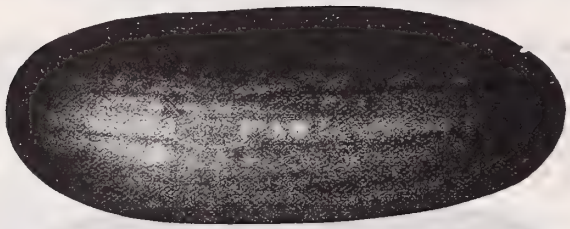
The Best of the New Kinds that are Good.

Alfred Moreau—Deep shade of lilac on long stems.
Arabella—Pale primrose, shaded rose and lavender.
Caleb Powers—Rose pink, sometimes striped white.
Chas. Lanier—Pure sulphur yellow, large flower.
Red Hussar—Intense deep scarlet, immense blossoms.
Queen Victoria—Canary yellow, a beautiful shade.
White Swan—Pure white, large flower.
Emily—Fawn and amber, a distinct variety.
Cuban Giant—Deep purple maroon, fine flower.
Prof. Mansfield—Orange shade tipped scarlet, very showy.

One of each of the above ten varieties parcel post paid for $2.00. Price separately, each, 25c; 12 for $2.50, parcel post paid. By express at buyer's expense, each, 20c; 12 for $2.00.

Temple Gray Watermelon

Temple Gray Watermelon—One of the best melons, either for market or home use. Attains a larger size than any of the long, dark green melons, frequently growing fifty pounds in weight. Flesh tender, firm and very sweet and luscious. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c, 1 lb., 90c, parcel post paid.**



Sugar Stick Watermelon

Sugar Stick Watermelon—A large, light green or grayish melon of oblong form, two feet in length, and will average 30 pounds. Flesh red, very sweet and tender. It is truly a sugar stick, as its name implies. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 90c, parcel post paid.**

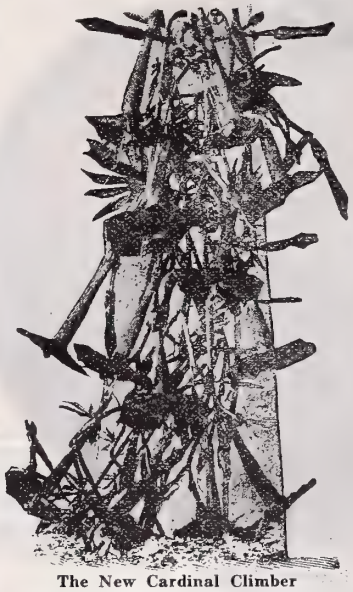
Special Tom Watson Watermelon—By request, our grower in Florida is saving out some special select stock of this splendid variety. This seed is saved from the most perfect melons, none weighing less than forty pounds each and from many that weighed seventy pounds each. This seed is then graded and cleaned, and consequently will produce finer and larger melons than the regular stock. If you want something extra, order this special stock this season. **Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Burpee's Golden Neckless Ruta Baga—The best strain of yellow-fleshed Ruta Baga in existence. Bulbs slightly oblong and nearly globular, flesh solid yellow and of finest quality. The bulbs are free from the objectionable neck in the Ruta Baga family. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.**

Hybrid Tritoma or Red Hot Poker Plant

Perpetual Hybrid Tritoma—A new strain of Poker Plant, Flowers produced on stout stems, are six to nine inches in length. Colors include lemon, golden orange, scarlet, buff and crimson. A charming flower that will please the most exacting. The clumps last for years, increasing in size and beauty every season. **Pkt., 15c; 2 pkts. 25c.**

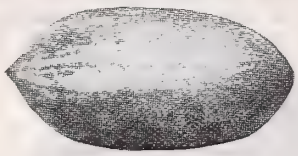
Double Morning Glory, Snow Fairy—This is absolutely the greatest novelty yet introduced in the way of a Morning Glory. The vines are rapid growers, running from 12 to 18 feet, starting blossoms quite early and continuing until cut down by frost. All during summer the vines are literally covered with glistening white blossoms which are very double and exquisitely lacy in effect. While the old single varieties close up as soon as the sun strikes them, Snow Fairy, because of its peculiar construction, does not, and presents as good an appearance at noon as in the early morning. **Pkt., 15c; 2 pkts., 25c.**



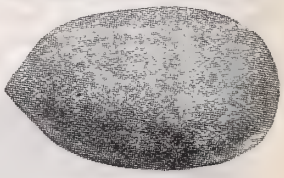
The New Cardinal Climber

Double Morning Glory Snow Fariy

The New Cardinal Climber—A new and brilliant colored annual climber. Flowers glowing scarlet, 1½ inches in diameter, the tube being 1¼ inches in length. Vines branch freely, attaining a height of from 20 to 30 feet. The dark leaves are deeply cut, resembling a fine Japanese Maple. Start seed indoors in March and transplant where wanted about the 15th of April. **Price per pkt., 15c; 2 pkts., 25c.**



Frotscher Grafted Pecan



Stuart Grafted Pecan

Paper Shell Grafted Pecans—The grafted pecan tree will bear in five years after planting. They produce those large nuts that retail at 50c to 75c per pound. Why waste time with the seedlings, which seldom bear under ten years, and then the nuts are small and hard to sell at any price? Six or eight acres in the grafted pecans will insure a good income every year. We can furnish the best large thin shell varieties. Stuart-Van Deeman-Schley-Frotscher.

	1 tree	10 trees	100 trees
1 year old	$ .65	$ 6.00	$ 55.00
2 years old	1.00	9.50	90.00
3 years old	1.50	14.00	135.00

All f. o. b. growing station.

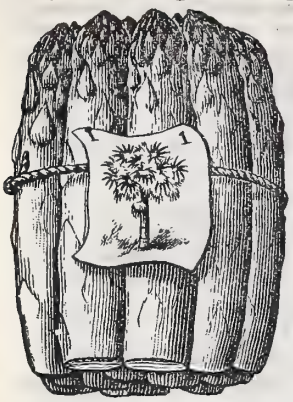
Curled and Crested Double Zinnias—The long petals are twisted and curled, producing a flower very attractive, fine petaled, resembling the Cactus Dahlia in form. The plants grow about two feet high and bloom until frost. Flowers all colors, from white through shades of yellow, rose, pink and salmon to brightest crimson. A beautiful sight either in beds or borders when in full bloom. **Pkt., 10c; 3 pkts., 25c.**

Sulpho-Tobacco Soap

Kills bugs, red spiders, rose insects, etc. Full directions with each cake. 3-ounce cake, 10c. By mail, postpaid, 15c.

List of Standard Vegetable Seeds

Our Vegetable Seed Department contains all the good **standard varieties, and** we flatter ourselves that **none better can be obtained anywhere.** By comparison with the prices of other reliable dealers, ours will be found exceedingly reasonable. **While we invite a comparison of our prices with those of any reliable dealer, we wish to lay much the greater emphasis on the fact that "quality" is the paramount feature considered in what we have to offer.**



Palmetto Asparagus

Globe Artichoke

Asparagus

One Ounce Will Sow 40 Feet of Drill.

Sow in spring as soon as the soil is in good working condition. Cultivate during summer, and give the plant a light covering of stable litter during winter. At one or two years, transplant to permanent beds.

Bonvalett's Giant—This is a very large variety, vigorous and of fine flavor. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.**

Palmetto—A fine variety, producing very large asparagus. Very early and adapted to all climates. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Columbian Mammoth White—A new and entirely distinct kind whose shoots are white and stay white as long as fit for use. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Palmetto Asparagus Roots

A saving of 1 to 2 years is effected by planting roots. For private use or for marketing on a small scale, beds should be formed 5 feet wide, with 3 rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the rows, 9 inches. **Price by parcel post, 2-year roots, doz., 35c; 50 for $1.00; 100 for $1.40. Price, by parcel post, 3-year roots, doz., 50c; 50 for $1.25; 100 for $2.00. Price by express at purchaser's expense, 2-year roots, doz., 25c; 50 for 75c; 100 for $1.00; 1000 for $6.00. 3-year roots, doz., 40c; 50 for $1.00; 100 for $1.50; 1000 for $10.00.**

Artichoke, Globe.

One Ounce Will Produce 500 Plants.

Sow in light, rich and rather moist soil, in drills 8 or 10 inches apart; when the plants are well up transplant, 4 or 5 inches deep, in rows 4 feet apart and 2 feet apart in the rows. Cover with straw during winter.

Green Globe French—Fine large heads. **Pkt., 5c; 1 oz., 30c; parcel post paid.**

Brocoli.

Sow as soon as the ground can be worked in the spring. Plant out two feet apart each way. **Pkt., 5c; 1 oz., 35c; 2 oz., 50c; ¼ lb., 75c, parcel post paid.**

Brussels Sprouts.

A very hardy plant of the cabbage family, growing from two to three feet high, producing from the sides of the stalk numerous small heads about two inches in diameter. Sow about the middle of March and treat generally as directed for cabbage. **Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Celery.

One ounce will produce about 3,000 plants. Sow in April or May, and rake the seed in lightly; water and shade from sun.

Prices, Parcel Post, Paid.	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Columbian White	$ .05	$ .35	$ .60	$1.00	$3.50
Celaric Turnip Rooted	.05	.35	.60	1.00	2.50
Dwarf Golden Heart	.05	.25	.40	.60	2.00
Giant Paschal	.05	.25	.50	.75	2.00
Golden Self-Blanching	.05	.75	1.25	2.00	6.00
Heartwell Perfection	.05	.25	.50	.75	2.00
Henderson's White Plume	.05	.25	.50	.75	2.00

Celery Plants—White plume, ready April 1st. **By parcel post, doz., 25c; 50 for 50c; 100 for 75c. By express, 50 for 35c; 100 for 50c; 500 for $2.00.**

Collards.

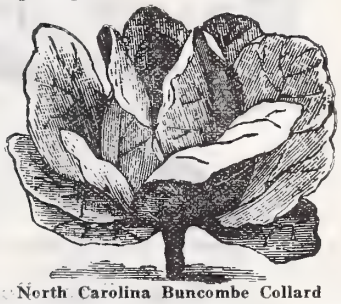
A species of cabbage. Sow in the spring and transplant and cultivate in the same manner as cabbage.

North Carolina Buncombe—A superior variety, heads up in winter, very heavy foliage, fine flavor. **Pkt., 5c; 1 oz., 20c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**

Georgia White Cabbage—Called Cabbage Collard on account of its close, bunching growth and light green leaves. Originated from Buncombe Cabbage. **Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., $1.00, parcel post paid.**

True Southern—The old standard sort. **Pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1 lb., 75c, parcel post paid.**

Curled Cress



North Carolina Buncombe Collard

Cress, or Pepper Grass.

One Ounce Will Sow About 15 Square Feet.

A well-known pungent salad. Sow at frequent intervals, to keep up a succession, as it soon runs to seed. **Curled, or Pepper Grass, pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 75c. True Water, pkt., 10c, parcel post paid.**

Corn Salad, or Fetticus.

One Ounce Will Sow About 18 Square Feet.

Sow in September or October. Large, round-leaved. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**

Chervil.

Curled—Used for flavoring and garnishing. **Pkt., 5c; 1 oz., 25c, parcel post paid.**

Danver's Half Long Carrot

Carrots.

One ounce to 100 feet drill; 2 to 3 pounds to the acre in drills. Sow during any part of the Spring months in drills from 12 to 15 inches apart, and thin to 3 or 4 inches in the drill. Requires deep rich, mellow soil and thorough culture.

Prices, Parcel Post. Paid.	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Chatenay Half Long Scarlet	$ .05	$ .15	$ .20	$ .35	$1.25
Danver's Half Long Yellow	.05	.15	.20	.35	1.25
Early Scarlet Horn	.05	.15	.20	.30	1.15
Half Long Scarlet	.05	.15	.20	.35	1.25
Long Orange Improved	.05	.15	.20	.30	1.00
Mammoth Long Orange	.05	.15	.25	.35	1.00
Oxheart or Guerande	.05	.15	.20	.35	1.25
White Belgian for Stock	.05	.15	.20	.30	.85

Chicory.

Large Rooted, or Coffee—The young leaves are used as a salad, the dried roots as a substitute for coffee. **Pkt., 5c; 1 oz., 25c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Chives, or Schnittlauch.

A species of onion, used for seasoning; mostly used for putting on cream or cottage cheese. Seed planted this spring will do to use next year. Hardy perennial. **Seed, per packet, 10c, parcel post paid.**

Dwarf Bush or Snap Beans

One quart to 100 feet drill; 1½ bushels to the acre in drills. Plant when all danger of frost is over. Drop the beans 2 or 3 inches apart in rows, standing 18 inches to 2 feet apart. Hoe often—never when the vines are wet, or they will rust, drawing the earth slightly toward them, and at least once before they blossom sow land plaster upon them. As they require but 6 to 8 weeks to make pods, they can be sown as late as September 1.

Burpee's Stringless Green Pod Bush Beans

Dwarf Green Pod Varieties.

Burpee's Stringless Green Pod—This is the best absolutely Stringless Bean. Ready for market several days earlier than the best strain of Red Valentine. Pods are very tender and fine flavor. **½ pint, 15c; pint, 25c; quart, 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Giant Stringless Green Pod Bush Beans—A new second early variety, producing an abundance of long, stringless, round green pods of excellent quality. No matter how old, there is no sign of a string. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Improved Early Red Valentine—Desirable for market or family use, being early, productive and tender. The pods are round, bright green. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Hopkins Earliest Valentine—This variety is earlier than the Early Red Valentine, and it is usually ready to pick in 45 days from planting. On account of its great earliness it is largely grown by market gardeners. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Black Valentine Bush Beans

Black Valentine—Resembles the old Red Valentine but bears earlier; the pods are round, dark green, very fleshy and entirely stringless; for early or late planting it is a most valuable bean. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Dwarf Yellow Wax Pod Varieties.

On account of an almost entire crop failure of the following Green and Wax Pod Bush Beans, we quote the various varieties only in small quantities, as we are not able to supply them in peck or bushel lots. In ordering, please give next choice, as it may be possible we cannot supply the kind you order. **Prices by parcel post uniform as follows: ½ pt., 20c; pt., 30c; qt., 60c.**

Prices by express uniform as follows: ½ pt., 15c; pt., 25c; qt., 50c.

We expect to have the following varieties:

German or Black Wax.	**Davis' Wax.**
Golden Improved Wax.	**Hodson's Wax.**
Wardwell's Kidney Wax.	**Golden-Eyed Wax.**
Currie's Rust-Proof Wax.	**Violet Flageolet Wax.**

Standard Green Pod Varieties.

Early Mohawk Six Weeks.	**Late Refugee.**
White Navy Beans.	**Fordhook Bush Lima.**

For prices on large quantities, write us, stating amount wanted.

Bush or Dwarf Lima Beans

Plant about first of May in rows wide enough to work, dropping beans six inches apart, covering one and one-half inches. Hoe often, but only when leaves are dry. One quart will sow 200 feet of drill

Henderson's Bush Lima Beans

Henderson's Bush Lima—A dwarf form of the Small Lima, and valuable because of its extreme earliness. Pods short, fat and containing from 2 to 4 beans; superior in quality. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.45, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Wood's Prolific Bush Lima—A greatly improved strain of Henderson's Bush Lima. Produces much larger pods and beans. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.45, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Burpee's Improved Bush Lima—This is the bush form of the large Lima Bean; pure white, very tender. **½ pt., 20c; pt., 30c; qt., 50c; 4 qts., $1.70, parcel post paid. By express, not prepaid, ½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.50.**

MAIL ORDERS.

We have the best equipment possible for the handling of Mail Orders. This is the larger part of our business. Our employes are experienced and are employed here all the year round. Your orders are not handled by clerks employed only for the busy season. We fill all orders the first or second day by mail or express, except plants in freezing weather.

Pole or Running Beans.

One quart will plant about 150 hills. These require more care than the Bush Beans, and should not be planted until two weeks later, as they stand in much more danger from the frosts. Plant in hills, from 5 to 6 seeds in each, about 2 inches deep; the hills should be 4 feet apart.

Scotia or Cornfield Snap Beans

Scotia or Cornfield Beans—A superb long green bean, succeeding better when planted in corn fields than any other variety. The handsome green pods average 8 or 9 beans to the pod, grow very uniform, about 6 inches long, thick meated, rich and buttery. It continues in bearing so long it might be called "Everbearing." Specially adapted to growing on corn, thus economizing space on valuable land, or where poles are scarce. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.75, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.50.**

Kentucky Wonder—This is no doubt the most popular variety on the market at the present date. It is an early, very prolific sort, with showy pods which are of most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are medium light green, very long, often reaching nine or ten inches, curved and twisted, nearly round and very crisp when young, becoming very irregular and spongy as the beans ripen. Seed long, oval, slightly flattened, dun colored. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.25.**

White or Southern Creasback—A popular early green-podded pole bean for snapshorts; of rapid growth and very productive. Pods grow in clusters and are from 5 to 6 inches in length, perfectly round, being deeply creased or "saddle-backed." The dry seed is pure white and excellent for winter use. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.45, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.25.**

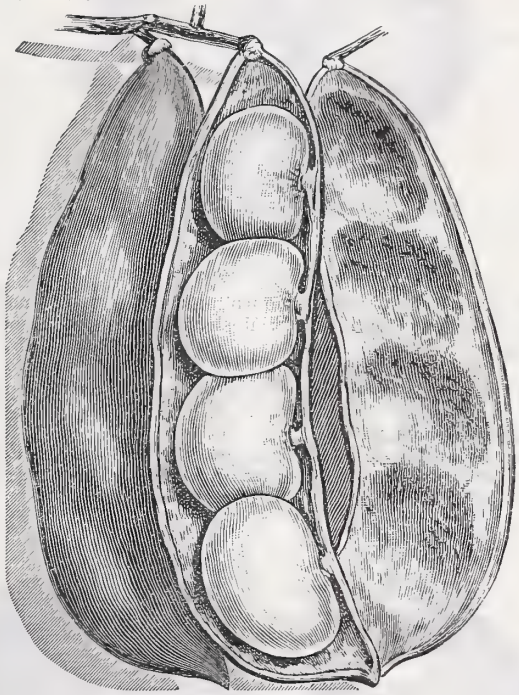
Lazy Wife's Pole Beans—Pods of medium dark green color, broad, thick and very fleshy, and retain their rich, tender qualities until nearly ripe; dried beans are pure white in color. **½ pt., 20c; pt., 30c; qt., 50c; 4 qts., $1.70, parcel post paid. By express, not prepaid, ½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.50.**

Southern Prolific—A well known variety, very productive, and bears until frost. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.40, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Kentucky Wonder Wax—An excellent variety, and one of the very best pole beans. The pods are long, very thick, meaty, deeply saddle-backed, entirely stringless, and bright yellow in color. The vine is thrifty and very prolific. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.75, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.50.**

Golden Cluster Wax Pole—Large podded variety. The pods usually 7 inches or more in length, are meaty, entirely stringless and when cooked, deliciously rich and buttery. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.65, parcel post paid. By express not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.40.**

Red Speckled Cut Short—A very good pole or cornhill bean; quite a favorite in some sections. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**



Schwill's Monstrous Pole Lima Beans

Pole Lima and Butter Beans.

One quart will plant about 150 hills. Culture the same as for other Pole Beans. Sow seed about the middle of April, not sooner. The ground must be warm, otherwise the beans will rot.

Schwill's Monstrous Lima—The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to 7 beans to the pod, all perfectly formed and of superior quality. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.45, parcel post paid. By express not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.25.**

King of the Garden Lima—Vigorous and productive. Produces an abundance of pods, 5 to 6 inches long, well filled with beans of very large size, quality first-class. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.25, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 30c; 4 qts., $1.00.**

Large White Lima—A standard good variety; beans greenish white, large size and of excellent flavor. **½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.20, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 30c; 4 qts., $1.00.**

Carolina or Small Lima—The true Butter Bean. Seeds are small but very prolific. Will stand more heat and drouth than most of this class and seems to be especially well adapted to the South. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.45, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

HOW AND WHEN TO PLANT.

Special planting instructions for sowing all kinds of vegetables and flower seeds, setting fruit trees, roses, strawberry plants, sowing grasses and clover seeds, supplied free with orders. This is a little booklet, full of useful information. Don't fail to get a copy.

Table Beets.

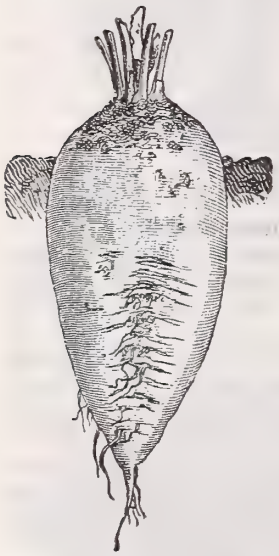
One ounce to 50 feet drill; 4 to 5 pounds to the acre in drills. Beets require a deep, rich and mellow soil. Drop about 1 inch deep in drills 12 to 18 inches apart. Thin to 6 and 12 inches, and hoe often until the tops cover the ground. In dry weather it is a good idea to soak the seed before planting. **5c per packet; or 3 packets for 10c, any variety; postage paid.**

Eclipse Blood Turnip Beet

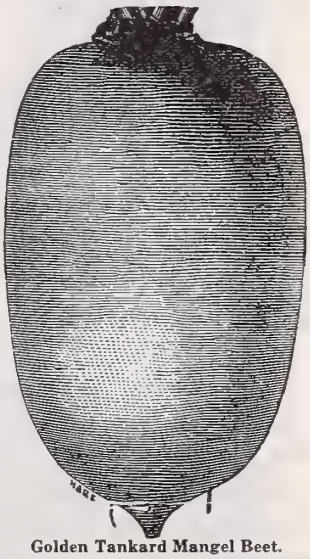
Eclipse.—Nearly globular, smooth and with very small tap root, and very small collar; flesh fine grained, blood red, also a market favorite. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., $1.00; parcel post paid.**

Detroit Dark Red.—Beautiful round form, skin dark blood red, flesh bright red. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25, parcel post paid.**

Crimson Globe—A new variety, darker in color than Eclipse, and slightly larger, flesh tender and sweet. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., $1.00, parcel post paid.**



Mammoth Long Red Mangel Beet.



Golden Tankard Mangel Beet.

Mangel Wurzel Stock Beets.

Everyone who keeps even a single cow should grow a quantity of Mangels for winter feed. They yield enormously and will not only greatly increase the flow of milk, but will add largely to the health and general condition of all kinds of stock and poultry.

Culture—Sow in drills two feet apart when suitable time comes for sowing oats and planting corn. When plants are two or three inches high thin or cut out with hoe to eight to twelve inches apart.

Five to six pounds of seed will plant an acre.

Price, any of the following varieties: 5c per packet; 1 oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 45c; 5 lb., $1.75; parcel post paid. By express or freight, ½ lb., 20c; 1 lb., 35c; 5 lb., $1.50.

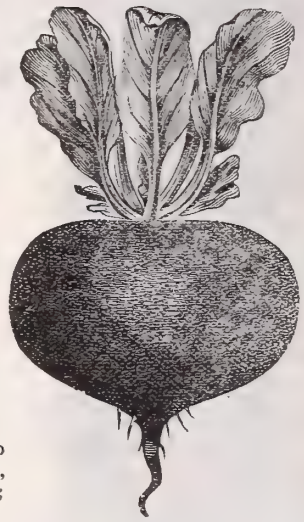
Mammoth Long Red Mangel—Mammoth size, skin light red, flesh white and rose. Grows well out of ground.

Golden Tankard—Top and neck very small; root ovoid, large; flesh yellow, zoned with white; an excellent sort.

Standard Varieties of Beets.

Parcel Post Paid.	1 oz.	2 oz.	¼ lb.	1 lb.
Early Blood Turnip	$ .10	$ .20	$ .30	$ .85
Extra Early Egyptian	.10	.15	.25	.80
Extra Early Bassano	.10	.20	.30	.85
Long Blood Red	.10	.15	.25	.75

Market Gardners' Bulk Price List of the above varieties of Beets given on page 2.



Crosby's Egyptian Beet

Detroit Dark Red Beet

Crosby's Improved Egyptian.—The earliest beet in the market. A selection from the old market beet Early Egyptian, retains the earliness of the parent stock, and has added thickness, giving it a more desirable shape; it is the deepest red, almost black in color and of finer quality than the Egyptian, being sweeter and even more tender and smooth. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.25, parcel post paid.**

Beet Plants.

Crosby's Egyptian. Eclipse Blood Turnip, ready April 1st. Prices, 50 for 25c; 100 for 35c; 500 for $1.50. By parcel post, 50, 30c; 100, 50c; 500, $1.85.

Sugar Beets.

Culture—Sow in drills 2 feet apart when suitable time comes for sowing oats and planting corn. When plants are 2 or 3 inches high thin or cut out with hoe to 8 to 12 inches apart. **Five to six pounds will plant an acre.**

Price, any of the following varieties: 5c per packet; 1 oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 45c; 5 lb., $1.75, parcel post paid. By express or freight, ½ lb., 20c; 1 lb., 35c; 5 lb., $1.50.

Giant Feeding Sugar Beet—By skillful breeding there has been developed in Giant Feeding Sugar Beet a sort very much more valuable for feeding purposes than the older sort. Roots large, oval in form, very smooth, with few rootlets, with small top.

Lane's Imperial Sugar—Grows to large size, is more like Mangel Wurzel in character, but the flesh is sweeter and tenderer; in fact, sometimes used for table.

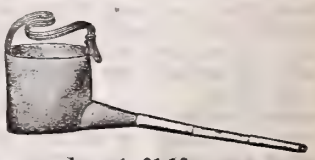
Klein Wanzleben—A most popular variety, roots conical and even.

Swiss Chard.

Silver Beet, or Cut-and-Come-Again Spinach. This beet produces leaves only, excellent as greens. Cultivate same as spinach, sowing the seed in early spring, in drills 1½ feet apart. **Swiss Chard, packet, 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; parcel post paid.**

Lightning Horn Seed Sower.

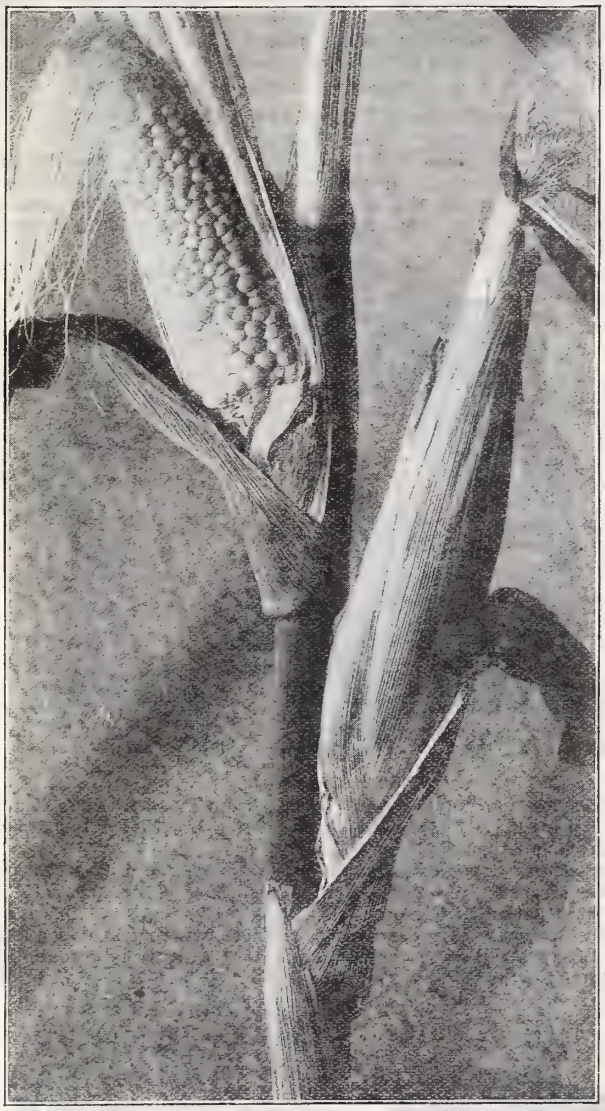
Made to sow broadcast any fine or light seed. One of the best for sowing Lespediza seed. Very light and durable. This is a plain, simple and useful seeder.



Price, $1.00. By parcel post, $1.10.

Garden and Sweet Corn

One quart will plant 200 hills; 1 peck will plant an acre in hills. Plant as soon as the ground becomes warm in the spring, in hills about 3 feet apart, 5 or 6 grains to the hill, and when up thin them out. For a succession, plant every two weeks until midsummer.



Schwill's Early Surprise Corn

Schwill's Early Surprise Corn—Our own introduction, now too well known to give any lengthy description; a favorite for early market, larger than the early Adams corn, and only a few days later; not a sugar corn, but ranks almost equal; ears about 8 inches, always well filled to the tips; grains pure white, tender and makes the very best roasting ears. The genuine stock from our own grower can only be obtained from us. No other dealer can supply Schwill's Early Surprise Corn. **½ pt., 15c; pt., 20c; qt., 35c; 4 qts., 70c; pk., $1.15, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 50c; pk., 75c.**

Howling Mob Sweet Corn—A grand new variety producing fine, large ears only a few days later than Cory. The ears are handsome and contain 10 to 12 rows of grain of good quality. Height, 5 to 6 feet. **½ pt., 15c; pt., 25c; qt., 40c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 30c; 4 qt., 75c; pk., $1.25.**

Adams Extra Early—The very earliest variety, and brings good prices when first offered to the market. Should only be planted on the very richest land. **½ pt., 15c; pt., 20c; qt., 35c; 4 qts., 70c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 50c.**

Early or Large Adams—One of the most profitable varieties for early market. Ears good size, sweet and tender. **½ pt., 15c; pt., 20c; qt., 35c; 4 qts., 70c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 50c.**

Schwill's Improved Large Adams—Larger than Adams Early and very nearly as early. Fine for market. **½ pt., 15c; pt., 20c; qt., 35c; 4 qts., 80c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 60c.**

Schwill's Delicious—An early large sweet corn. Produces ears 12 inches long in 65 days. Kernels are pure white, very sweet and tender. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Stowell's Evergreen—Large ears, medium early; remains tender and sweet a long time. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 75c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 60c.**

Kendall's Early Giant—Ears large, having 10 to 12 rows, pure white, sweet, tender and very prolific; matures as early if not earlier than any of the second earliest. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Clark's None Such—Matures a little ahead of Stowell's Evergreen. Ear good size, grains very uniform and of excellent quality. Cob pink. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Country Gentleman—A favorite second early or main crop variety with all private gardeners for its tenderness, delicacy, small, deep grains, and sweetness. The ears are of fair size, frequently three or four to the stalk. One of the best sweet corns for your garden. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Mammoth Sugar—The largest-eared variety, sweet and delicious; matures late, but its immense ears are the finest of any variety. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 80c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 60c.**

Truckers' Favorite Corn—Not a true sugar corn, but a hybrid or mixture between a sugar corn and the Adams Early, and cultivated on large areas and almost exclusively by market gardeners. A very profitable sort as a money maker. **½ pt., 15c; pt., 20c; qt., 30c; 4 qts., 70c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 50c.**

Black Mexican—When in condition for the table it cooks white, but the grain when ripe is black. Ear rather small, grain very sweet and tender. **½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.00, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 30c; 4 qts., 85c.**

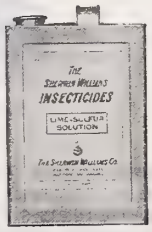
Early Yellow Canada—A long eight-rowed variety, very early, and is planted in both field and garden. It does well. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Large White Flint—Can be planted close and thick on account of being a small corn. Has small cob, but bears a full-sized ear. Grain is pure white; produces roasting ears in six weeks. **½ pint, 15c; pint, 25c; qt., 35c; 4 qts., 70c, parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 15c; qt., 25c; 4 qts., 50c.**

S. & W. Lime Sulphur Solution

For the Cure and Prevention of the Dreaded San Jose Scale.

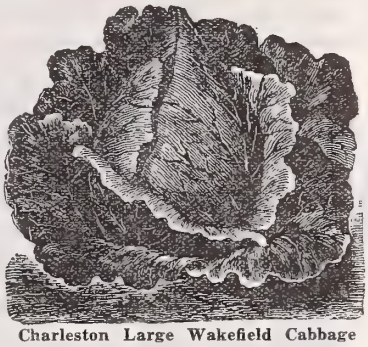
For use in the dormant period. This material combines the great fungicidal properties of sulphur with the scale remedy, and is specially recommended for peach and plum trees, which need the combined treatment in the fall and spring. **Qt., 35c; 2 qts., 50c; 1 gal., 75c; 5 gal., $3.00. Barrel lots, 28c per gal.**



Cabbage

The cabbage, to be well grown, requires a deep, rich, loamy soil. For early use, sow the seed in hotbeds in February or March, or it may be sown about the middle of October and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or winter use, the seed should be sown in May and the plants set out in July, 2½ by 3 feet. One ounce will produce **2,000 plants. Price, any variety of Cabbage Seed, 5c per pkt.; 3 pkts. for 10c; postage paid.**

Extra Early Eureka Cabbage



Charleston Large Wakefield Cabbage

Extra Early Eureka Cabbage—This is a valuable extra early variety, coming into use as early as Wakefield. The heads are round, slightly flattened and very solid. Fine market gardener's stock. **Pkt., 5c; 1 oz., 35c; 2 oz., 50c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

Charleston Large Wakefield—This is a few days later than the Early Jersey Wakefield, but makes a larger and firmer head. We strongly recommend it as the best main crop early cabbage grown, for the home graden and market. Our seed of this is grown from a specially selected stock. **1 oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

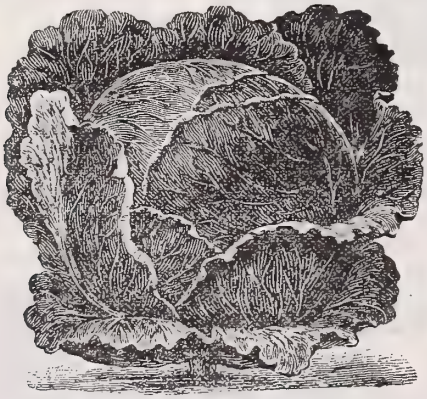
Early Jersey Wakefield—A leading variety and one of the best for private or market gardeners' use; conical shape. **1 oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., $2.50; parcel post paid.**

Standard Varieties Cabbage Seed.

5c per packet; any 3 packets for 10c. Postage Paid. Prices, Parcel Post paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
All Head Early	$ .20	$ .35	$ .60	$1.60
Early Drumhead	.20	.35	.50	1.50
Early Flat Dutch	.25	.40	.75	2.50
Early York	.20	.35	.50	1.40
Early Winningstadt	.20	.35	.50	1.50
Green Glazed	.35	.60	1.00	2.50
Large Late Drumhead	.20	.35	.50	1.60
Large Late Flat Dutch	.20	.35	.50	1.50
Surehead	.25	.40	.60	2.00

½ ounces of Cabbage Seed supplied at ounce rate.



Schwill's Ideal Winter Cabbage

Schwill's Ideal Winter—The very best late Cabbage in existence. It never fails to make a crop; runs heavy in weight owing to its size and solidity; resists drouth and insects by its sturdy constitution. **1 oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., $2.25, parcel post paid.**

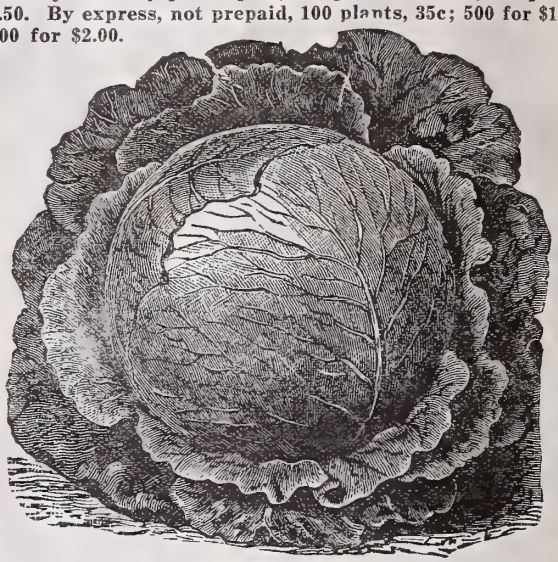
Frost-Proof Cabbage Plants

Varieties Early Jersey Wakefield, Charleston Large Wakefield, Succession, Early Flat Dutch—These are hardy outdoor grown plants. Will withstand the most severe weather. They are not as green and bright looking as the hot bed stock, but that does not harm them in the least. It is because they have been grown right out in the open all winter. They grow off quickly and make fine, heavy, hard heading cabbage. We supply them from Jan. 1st to April 1st. **Price by parcel post, 35c per 100; by express f. o. b. growing station, 500, $1.00; 1000 to 4000, $1.50 per 1000; 5000 to 8000 at $1.25 per 1000; 10,000 or more at $1.00 per 1000. Price f. o. b. Memphis 500 for $1.25, 1000 for $2.00.**

Cabbage Plants Ready March 1.

Hotbed Stock.

Varieties as follows: Jersey Wakefield, Charleston Wakefield, Succession. Put in bundles, 50 plants each, no less quantity sold. **By parcel post, 100 plants for 45c; 500 plants, $1.50. By express, not prepaid, 100 plants, 35c; 500 for $1.25; 1000 for $2.00.**



Succession Cabbage

Succession—A good second early round headed sort, heads very evenly. **1 oz., 25c; 2 ozs., 40; ¼ lb., 75c; 1 lb., $2.50; parcel post paid.**

All-Seasons—An early Drumhead Cabbage, yielding heads of the largest size. **1 oz., 20c; 2 ozs., 35c; ¼ lb., 60c; 1 lb., $1.75; parcel post paid.**

Early Summer—A second early cabbage, which matures about 10 days after the Jersey Wakefield. It makes a large, solid, flattish head. **1 oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

Danish Ballhead Cabbage

Large Drumhead Savoy Cabbage

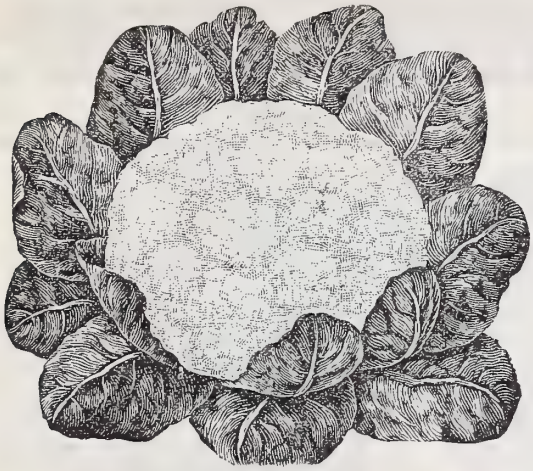
Danish Ballhead—The hardest heading variety known. Heads of medium size, with but few outer leaves, admitting close planting; exceeding fine, hardest of all, tender, crisp and solid, with no waste of heart and will average 10 lbs. **1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.00.**

Large Drumhead Savoy—This is undoubtedly the finest type of Winter Cabbage. After having been frosted it boils like marrow, and is not surpassed even by the cauliflower in its best condition. **1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.00.**

Volga—A grand variety for late planting; matures early; flat, solid heads. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.75; parcel post paid.**

Cauliflower.

One ounce will produce about 2,000 plants. Sow in hotbed early in January and transplant any time suitable after the first of March, the earlier the better, as cauliflower thrives best in moderate cool weather.



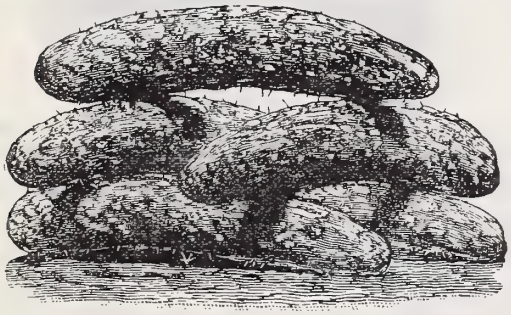
Extra Early Snowball Cauliflower

Prices, Parcel Post, Paid.	Pkt.	¼ oz.	1 oz.
Extra Early Snowball	$ .10	$ .50	$2.00
Large Early Snowball	.10	.50	2.00
Dry Weather	.10	.50	2.00
Danish Giant	.10	.50	2.00
Extra Early Dwarf Erfurt	.10	.50	2.00

Cauliflower Plants—Snowball. By parcel post, doz., 30c; 50 for 65c; 100 for $1.00. By express, not prepaid, doz., 20c; 50 for 50c; 100 for 75c.

Cucumbers.

One ounce will plant 50 hills; 1 to 2 pounds will plant 1 acre. Cucumbers succeed best in warm, rich, sandy loam, and should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about 4 feet apart each way, and when all danger of insects is past, thin out the plants, leaving 3 or 4 of the strongest to each hill. **Price, 5c per packet; 3 packets, 10c; any variety.**



Extra Early Long Green Cucumber

Extra Early Long Green—One of the best general purpose cucumbers in cultivation, the young fruit being very symmetrical in shape, deep in color and very crisp. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; parcel post paid.**

Early Fortune Cucumber—An extra early cucumber of the white spine type. A beautiful green, straight variety, especially recommended for early market. Our customers who raise this cucumber are highly pleased with it. **1 oz., 15c; 2 oz., 25c.; ¼ lb., 35c; 1 lb., $1.00; parcel post paid.**

Arlington White Spine—A selection from the White Spine, being more pointed at each end. The young fruits are usually crisp and tender, of dark green color. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., $1.00, parcel post paid.**

Cumberland Pickle—The best pickling cucumber in cultivation. For productiveness it is unequaled, and the quality of the fruit is the very best. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.00, parcel post paid.**

Davis Perfect Cucumber

Improved Long Green Cucumber

Davis Perfect—A long slim dark green White Spine strain, early and prolific. It is a stronger grower and will resist blight better than some of the older sorts. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.25, parcel post paid.**

Improved Long Green—A fine bearer of superior quality. **1 oz., 10c., 2 oz., 20c; ¼ lb., 35c; 1 lb., $1.00, parcel post paid.**

Fordhook Famous—An extra long Cucumber of the White Spine family; it is smooth, straight and very handsome in appearance; skin is dark; flesh is a greenish white, very firm and crisp. It is very prolific; a good keeping and excellent shipping variety. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.25, parcel post paid.**

Standard Cucumbers.

Prices, Parcel Post, Paid.	1 oz.	2 oz.	¼ lb.	1 lb.
Early Green Cluster	$ .10	$ .20	$ .35	$ .80
Early Frame	.10	.20	.35	.80
Extra Long White Spine	.10	.15	.30	.90
Danish Pickling	.10	.15	.30	.90
Gherkin	.20	.30	.50	1.50
Improved Early White Spine	.10	.20	.35	.90
Japanese Climbing	.15	.25	.40	1.25
Long Green Turkey	.10	.20	.35	1.00
Snow's Perfection Pickle	.10	.15	.30	.85

Large Green Curled Endive

Endive.

One ounce will produce 2,000 plants. Sow early and as soon as large enough thin to 15 inches apart.

Large Green Curled—Very ornamental, its leaves being beautifully colored and delicately cut. **Packet, 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.25, parcel post paid.**

Dandelion.

Sow the seeds in drills in early spring and thin out to six inches in the row and keep well cultivated and free from weeds throughout the summer. **Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.00, parcel post paid.**

Egg Plant.

Sow in February or March. When 2 inches high transplant to pots or good rich soil, and in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants. **Any variety, packet, 5c; 3 packets for 10c; parcel post paid.**

New York Improved Purple Egg Plant

New York Improved Large Purple—Fruits large, good shape and of a dark purple color, very productive and spineless. **½ oz., 20c; oz., 40c; 2 oz., 70c; ¼ lb., $1.00; 1 lb., $4.00; parcel post paid.**

Black Beauty—This is the earliest and best of all large fruited Egg Plants. **½ oz., 25c; 1 oz., 50c; 2 oz., 90c; ¼ lb., $1.25; 1 lb., $4.50; parcel post paid.**

Florida High Bush—Stands heat well; the fruit is round, smooth and very large, color bright purple. **½ oz., 20c; 1 oz., 35c; 2 oz., 70c; ¼ lb., $1.25; 1 lb., $4.00, parcel post paid.**

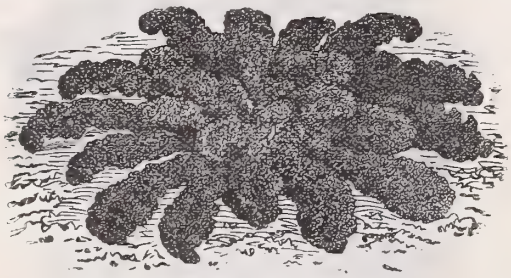
Early Long Purple—This is the earliest variety; very hardy and productive; fruit long and of superior quality. **½ oz., 15c; 1 oz., 25c; 2 oz., 50c; ¼ lb., 90c; 1 lb., $2.75.**

Mammoth White Pearl—Fruit is large and of a yellowish white color, of excellent quality. **½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.50, parcel post paid.**

Egg Plants—Plants ready May and June. **Price, by parcel post, doz., 35c; 50 for $1.00; 100 for $1.85. By express, not prepaid, doz., 25c.; 50 for 75c; 100 for $1.50.**

Kale or Borecole.

Sow from 2 to 3 pounds to the acre. Make excellent greens for spring and winter use. Sow in March or September in drills or broadcast. **Packet, 5c, any variety, or 3 packets for 10c; parcel post paid.**



Dwarf German Curled Kale.

Dwarf German Curled—Very hard, leaves curled. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Tall Curled Scotch—A beautiful curled tall growing variety. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; parcel post paid.**

Thousand-Headed Kale—Sow early in April or any time thereafter until midsummer. It is greatly relished by hogs, cattle and sheep. Sow 3 lbs. to the acre. **1 oz., 10c; ¼ lb., 20c; 1 lb., 45c, parcel post paid. By express, 5 lbs., $1.50; 10 lbs., $3.00.**

Kohl-Rabi.

One ounce will produce 2,000 plants. Sow in March and April, in drills, thinning plants to six inches apart.

White Vienna—This is the best and earliest variety for table use. **Packet, 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.00; parcel post paid.**

Garlic.

The sets should be planted in well-enriched soil early in spring, the rows 1 foot apart, and about 3 inches between the plants in the row. Harvest same as onions. **Sets, ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Gourds, Etc.

Balsam Apple—Pkt., 5c.
Dipper Gourd—Pkt., 5c.
Dish Rag or Luffa—Pkt., 5c.
Nest Egg Gourd—Pkt., 5c.
Orange Gourd—Pkt., 5c.
Ornamental Gourds—Pkt., 5c.
Sugar Trough—Pkt., 5c.
Calabash Pipe Gourd—Pkt., 10c.

Herb Seeds.

Sow seeds in shallow drill a foot apart, and when up thin out and transplant to a few inches apart.

	Packet, Parcel Post Paid.
Basil Sweet—For flavoring soups	$ .05
Dill, Mammoth—Used for flavoring pickle	.05
Lavender—For oil and distilled water	.05
Marjoram, Sweet—Used in seasoning meats	.05
Rosemary—Aromatic leaves are used for seasoning	.05
Savory, Summer—Used as a culinary herb	.05
Sage, Broad Leaved—A popular flavoring plant	.05
Thyme—Much used for seasoning	.05

Horseradish Sets.

Roots will produce good radish fit for use in one season's growth. Plant the set small end down, so that the top will be 2 inches under the soil.

Large White—The standard market variety. **Doz., 25c; per 100, $1.25, parcel post paid. By express, doz., 20c; 100 for $1.00.**

New Bohemian Horse Radish—A much earlier and better producer than the common sort. The roots grow larger and whiter, and the quality is superior. **Doz., 35c; per 100, $1.50; parcel post paid. By express, doz., 25c; 100 for $1.25.**

London Flag Leek

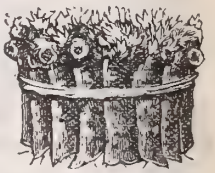
Leek.

One ounce will sow about 100 feet of drill. Sow early in spring, thin to six inches apart; make rows wide enough to cultivate.

London Flag—Broad leaves, of strong and vigorous growth. Packet, 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.00; parcel post paid.

American Flag—A favorite with our market gardeners, broad leaves, very hardy. Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.75.

Pure Culture Mushrooms.



Horseradish.

Mushroom Spawn.

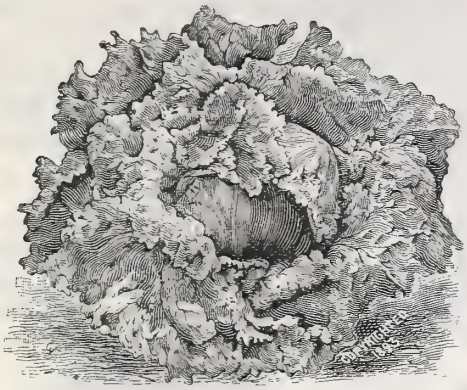
Mushrooms can be grown in cellars, in sheds, in hotbeds, or sometimes in open air. Fermenting horse manure at a temperature of about 70 degrees, mixed with equal weight of fresh sod loam, is made into beds the size required, 8 inches deep. In this bed plant the broken pieces of spawn, 6 inches apart, covering the whole with 2 inches of light soil, and protect from cold and rain. The mushrooms will appear in about 6 weeks. Water sparingly with lukewarm water. Full cultural directions free with order if requested. **Price, by parcel post, per brick, 35c; 5 bricks, $1.25. By express, not prepaid, per brick, 25c; 5 bricks, $1.00.**

Lettuce

One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to middle of August, every two or three weeks for succession. Lettuce should be transplanted; it is then surer to head. **Per pkt., any variety, 5c; 3 pkts., 10c; parcel post paid.**

May King—A large, light green, very early heading sort, which does exceedingly well either for an early outdoor crop or for forcing under glass. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.35; parcel post paid.**

Mignonette—Small, solid heading, crumpled leaves, edged with reddish brown. The flavor is fine and the leaves crisp. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.35; parcel post paid.**



Iceberg Lettuce

Big Boston Lettuce

Wonderful Lettuce

Iceberg—Solid heading and slow to shoot to seed. The plants are very compact and can be set close together. Interior of heads are remarkably well blanched and the quality is exceedingly buttery, tender and sweet. The leaves are so brittle as to suggest the name "Iceberg." **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.25; parcel post paid.**

Big Boston—Our strain of this very popular variety is unsurpassed. Plants are large and vigorous, leaves light green, slightly tinged with reddish brown; stands very long before shooting to seed. Can be grown in the open ground, in the spring or fall, or in frames for early spring planting, does particularly well in cold weather and is especially recommended for fall planting in the South. Is very popular with gardeners and truckers, because it always produces large, solid, salable heads; and with private growers because it heads up at all seasons of the year and is of crisp, tender quality. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.50; parcel post paid.**

Schwill's Perfection Lettuce

Schwill's Perfection—A very large variety, one of the largest of the cabbage sorts. It is especially adapted for planting in the fall and winter, and makes a fine, tender, buttery head. A number of our best local market gardeners have been growing it and find it unsurpassed for a fine, heavy shipping variety. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.00; parcel post paid.**

Hubbard's Market—A large cabbage variety, forming a solid head, buttery and yellow inside, and of very fine flavor. Color light green. **1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.00; parcel post paid.**

Black Seeded Simpson—One of the best loose-leaved curled sorts for sowing outdoors. Can be grown all through the season. Very tender and remains in condition for use for long time. **1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.00; parcel post paid.**

Grand Rapids—A good Lettuce to sow outside early in the spring for family use. Very beautiful in appearance. Of rapid, upright growth, and may therefore be planted quite close; and not liable to rot; retains its freshness a long time after being cut. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.50; parcel post paid.**

Large White Cabbage Head—A desirable variety for summer or fall use, forming very large, compact and beautiful heads. Color light green, stands both heat and drought remarkably well; very highly recommended. It is undoubtedly the best summer variety, the heads will frequently weigh from 2 to 3 pounds each. **1 oz., 15c; 2 oz., 30c; ¼ lb., 45c; 1 lb., $1.00; parcel post paid.**

Wonderful—Very large and solid. The inner portion is a beautiful white, the outer leaves dark green. Does remarkably well through the summer months. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.50; parcel post paid.**

California Cream Butter—A large, very solid heading sort, which will stand extreme heat or cold. Leaves thick and will stand shipping remarkably well. Outer leaves tinged bronze. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.25; parcel post paid.**

Green Ice Head—Very large, crisp, hard heading, the leaves are soft, bright green, inner head blanching to a light cream color of finest flavor. **1 oz., 25c; 2 oz., 40; ¼ lb., 75c; 1 lb., $2.25; parcel post paid.**

Hardy White Cos—The hardiest of all, will stand severe weather, grows to a large size, long pointed bunches, inner leaves blanch readily and of finest flavor. **Pkt., 10c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; parcel post paid.**

White Cos, Romaine, or Celery—This variety grows strong and upright, producing long leaves which should be tied up and blanched before cutting, which makes them very crisp and tender. **1 oz., 25c; 2 oz., 40c; ¼ lb., 65c; 1 lb., $1.50; parcel post paid.**

Lettuce Plants—Varieties: Big Boston, White Cabbage Head; ready March 10th. **50 for 20c; 100 for 35c; 1000 for $2.50; By parcel post, 50 for 30c; 100 for 55c.**

Standard Varieties Lettuce.

Price, 5c Per Packet, any variety, 3 Packets for 10c.

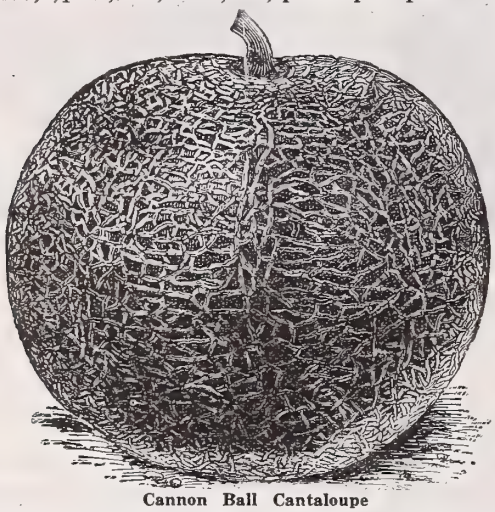
Prices, Parcel Post, Paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Brown Dutch	$ .15	$ .25	$ .45	$1.10
Deacon	.15	.25	.45	1.00
Early Curled Simpson	.15	.25	.45	1.00
Golden Queen	.25	.40	.60	1.40
Hanson Improved	.15	.25	.45	1.00
Mammoth Black Seed Butter	.20	.35	.50	1.10
New York Head	.25	.40	.60	1.35
Prize Head	.15	.25	.45	1.00
Passion	.20	.35	.50	1.25
Schwill's Champion	.25	.40	.60	1.75
St. Louis Market	.25	.40	.60	1.35

Cantaloupe or Muskmelon

One ounce will plant about 50 hills, 2 pounds to the acre. The soil best adapted to the culture of Melons is a warm, rich, sandy loam. Plant in hills 5 of 6 feet apart each way, 10 or 12 seeds in a hill. When they begin to vine, thin out, leaving only 4 of the most thrifty. As melons are very sensative to cold, they should not be planted till the settled warm weather begins—in this latitude, about the middle of April. **Price, 5c per pkt., any variety, or 3 pkts. for 10c.**

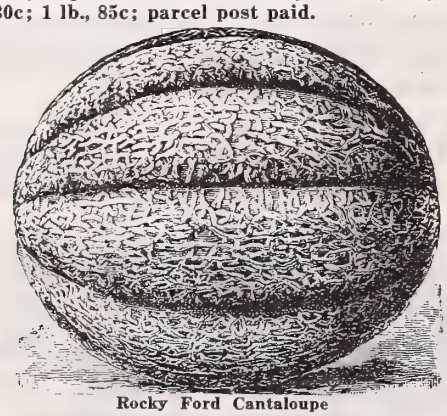
Cannon Ball—The best large cantaloupe for main crop. It is the type of melon always in demand in our markets, and for home use there is no better. The flesh is thick, of a beautiful deep rich green color, and of excellent flavor. It is thickly netted; a splendid cantaloupe. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c, parcel post paid.**



Cannon Ball Cantaloupe

Ferry's Defender—Medium size, flesh firm, fine grained, rich deep yellow, highly flavored. A splendid shipper. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c, parcel post paid.**

Burrell's Gem—This cantaloupe is similar in appearance to the Rocky Ford Netted Gem, except it has a pinkish flesh instead of green, has a tough thin rind, well netted; is very solid, a splendid market variety. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 85c; parcel post paid.**



Rocky Ford Cantaloupe

Rocky Ford—An early, small, round, green fleshed melon, nearly perfect globe in shape. Remarkably uniform in size, weighing from 1¼ to 1½ pounds. Very thick netted with thin rind. Skin green and heavily ribbed; flesh, light green in color, melting and uniform, of a very luscious flavor. Very prolific and early in ripening. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 80c; parcel post paid.**

Osage, or Miller's Cream—Fruit medium size to large, nearly round, slightly ribbed, dark green, almost smooth. Flesh very thick, deep salmon color and of the finest quality. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; parcel post paid.**

Prolific Netted Nutmeg—This splendid melon is one of the very best varieties for either home use or the market that has been introduced for many years. It has a firmness of rind and structure of flesh peculiarly its own, superior in this respect to any other melon in existence; has a very small seed cavity, deep green flesh, and is of very uniform shape, average diameter of about 5 inches. **1 oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., 85c; parcel post paid.**

Tip-Top—Fruit large size, nearly round, slightly ribbed and covered lightly with shallow netting. Skin cream-colored, flesh thick, deep yellow and very luscious. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**

Paul Rose Cantaloupe—It is similar in shape to the Rocky Ford, but slightly flattened from stem to blossom end. The ribs are thickly covered with netting; the skin is tough; flesh salmon color and of delicious flavor. **Packet, 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 75c, parcel post paid.**

Early Netted Gem—Grows medium size, and in flavor and sweetness is unexcelled by any other sort; shape nearly globular; well covered with coarse netting; well ribbed; flesh sweet and sugary to the rind. One of the earliest. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 75c; parcel post paid.**

Banana—Long, smooth, yellow skinned; salmon flesh. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50; parcel post paid.**

Large Baltimore—This is one of the best of large Cantaloupes for main crop. The flesh is thick, of a beautiful deep rich green color, and of excellent flavor. It is well ribbed and thickly netted; the size is somewhat larger than the regular Baltimore or Acme. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50; parcel post paid.**

Baltimore or Acme Cantaloupe

Admiral Togo Cantaloupe

Baltimore or Acme—Early; oblong, pointed; light green flesh. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; parcel post paid.**

Admiral Togo—One of the best yellow-fleshed melons. It is excellent for shipping and is a desirable, intermediate sort for the home garden. The fruits are medium sized, oval, slightly ribbed, covered with gray netting. The flesh is firm, fine grained and of highest flavor. The color is rich, deep orange-yellow. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.00, parcel post paid.**

Montreal Market—A very large melon, extensively grown in the vicinity of Montreal. Deep green flesh of excellent quality. The fruits are round, flattened at the ends, and have very broad ribs. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25, parcel post paid.**

Extra Early Hackensack—An early strain of the well-known large Hackensack. Very popular with the market gardeners as it is the first of the large melons to be ready for market. The fruit is of good size, round and heavily netted. Flesh green, very sweet and good flavor. **Pkt., 5c; 1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 80c, parcel post paid.**

Bay View—The largest muskmelon, fruits frequently weighing fifteen to twenty pounds, flesh green, thick, of high flavor. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 90c, parcel post paid.**

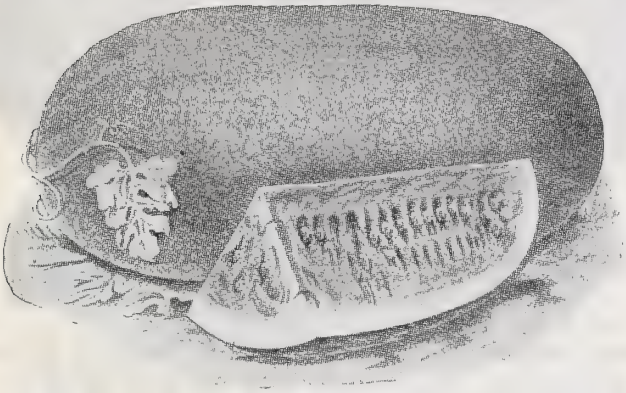
Kris-Kinkle Casaba—The best of the winter casabas. Do not pick until the light streaks become quite yellow. Stow away in a cool, dark place where the fruits do not touch each other. When the rind becomes slightly softened and moist they are ready to eat. Some of the melons will actually keep till February. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

MARKET GARDENERS' BULK PRICES.

Our Market Gardeners' and Wholesale Bulk Price List is given on pages 2 and 3, all in plain figures. No further discount allowed. At quotations named on Wholesale List, we do not pay parcel postage.

Watermelons

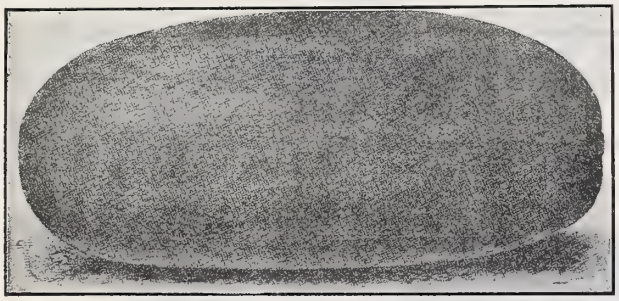
One ounce to forty hills; three or four pounds to the acre. Drop in the middle of spring, in hills six to eight feet apart, six to ten seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section. **Price, any variety, 5c per pkt.; 3 pkts. for 10c; parcel post paid.**



Halbert Honey Watermelon

Halbert Honey—A large, attractive, oblong shape; rind dark green, flesh crimson; very sweet and tender. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; parcel post paid.**

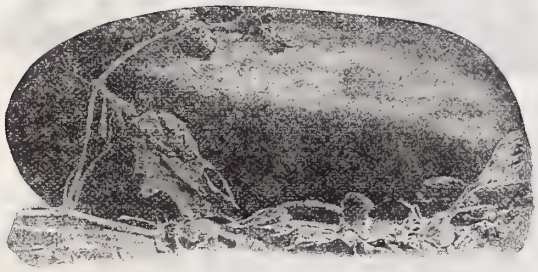
Jackson Watermelon—If asked to name the sweetest melon for home use, we would name the Jackson. It is a long melon, with mottled green skin, firm red meat and ripens close to the rind. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c; parcel post paid.**



Tom Watson Watermelon

Tom Watson Watermelon—One of the best late introductions, and used more extensively for market than any other. Shape long, color of rind dark green, which is thin but very firm, making it a fine shipper. Flesh is of bright red, firm and very sweet; has taken the lead over all other shipping melons and sells for the highest prices in the Northern markets. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 75c, parcel post paid.**

Monte Cristo—Unequaled for the home patch or for nearby markets. Vine very productive; of the most luscious, medium-sized oval melons, with a dark green rind; flesh is bright red, sweet and tender. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; parcel post paid.**



Kleckley's Sweet Watermelon

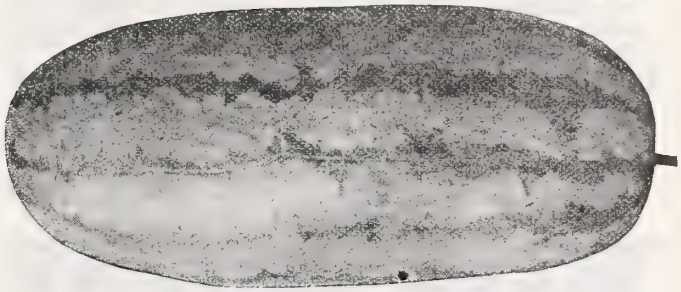
Kleckley's Sweet—This very popular melon is one of the best for nearby markets. Fruits are medium size, oblong, of a dark green color and have very thin rind. Flesh bright scarlet with solid heart, crisp, sugary and melting, and entirely free from stringiness. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; parcel post paid.**

Pearson Watermelon—Very large and heavy and a splendid shipper; flesh is blood red and exceedingly sweet. **1 oz., 15c; 2 oz., 25c; ¼ lb., 30c; 1 lb., $1.00, parcel post paid.**

Angel Kiss Watermelon—One of the earliest and best tasting melons in existence. With flesh of the deepest indescribable crimson, delightfully sweet and refreshing. It grows from medium to very large, very long in shape and nearly white in color; handsome and attractive. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 80c, parcel post paid.**

Alabama Sweet—This excellent shipping melon is the leading sort grown by Texas and other Southern melon growers' associations and extensive individual growers. The rind is dark green marked with a still darker green mottled stripe, and while thin it is very tough, making the melon a first-class shipper. The flesh is bright red, fine grained, sweet and luscious. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**

The Bradford—A fine flavored melon, oblong in shape, with rather square ends. The skin is very dark green with darker stripes. Dark red in color and of excellent flavor. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; parcel post paid.**



Augusta Rattlesnake Watermelon

Augusta Rattlesnake—One of the finest strains of melon ever introduced. It is quite superior to the old original Rattlesnake Melon. Rind green, with darker green stripe. Georgia grown seed. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.00, parcel post paid.**

Mountain Sweet—Large, oblong, dark green; flesh solid and very sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c; parcel post paid.**

Round Light Icing—The fruits are medium sized, nearly round, greenish white, slightly veined or dotted with light green. The flesh is bright, light red, very sweet and tender. Seed white. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 65c, parcel post paid.**

Dark Icing—The fruits are medium sized, nearly round, dark green, very indistinctly veined and mottled with lighter shade. The flesh is very rich, bright red, sweet and of excellent quality. Seed white. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 65c, parcel post paid.**

Harris' Earliest—Extra early, medium size, oval shaped with mottled broad stripes of light and dark green. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; parcel post paid.**

Seminole—It is extra early, enormously productive, extra large and of most delicious flavor, flesh deep red, very sweet. Melons are of two distinct colors, gray and light green. Melons of both colors are found on the same vines. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

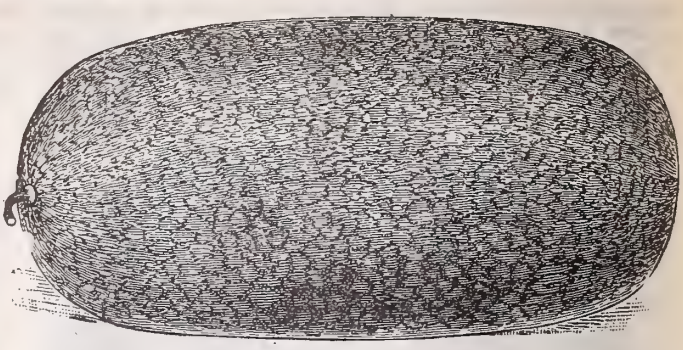
Florida Favorite—Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c; parcel post paid.**

Hammond's Slug Shot.

Specially recommended for destroying cabbage worm and other insects that prey on vegetation. Non-poisonous to human life.

Price, 1 lb., 15c; 5 lb., 35c; 10 lb., 65c. By parcel post, 1 lb., 25c; 5 lb., 55c; 10 lb., 90c.

Watermelons



Jordan's Gray Monarch Watermelon

Green and Gold—Flesh bright golden yellow, skin beautiful green, shape slightly elongated. If you have room for only one variety let it be Green and Gold. No melon is as sweet and delicious. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c, parcel post paid.**

Kolb's Gem—Fruit nearly round, medium size; skin marked with irregular stripes of light and dark green. A good shipper, and of good quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; parcel post paid.**

Georgia Rattlesnake—Large, oblong, striped, flesh red, of fine quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; parcel post paid.**

Sweet Heart—A splendid shipper, early, large, oval, light green. Rind thin, but firm. Flesh bright red, sweet, very tender, firm and solid. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; parcel post paid.**

Jordan's Gray Monarch—Of the largest of melons. It is long in shape, with skin of mottled gray color and bright crimson flesh. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c, parcel post paid.**

Black Diamond—Immense size; grows to average 75 to 90 pounds; rich, dark green, uniform, round to oval shape; flesh deep red, of fine quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; parcel post paid.**

Arkansas Traveler—A large, long melon. Rind dark green, with waving stripes of black; interior always solid, the edible portion extending within half an inch of the skin; flesh brilliant red, sweet, tender, crystalline, very juicy. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Preserving Citron—Planted only for preserving. Round, stripped fruit; flesh white and very solid; makes an excellent preserve. Red seeded. **Pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1 lb., 90c, parcel post paid.**

Mustard.

One ounce will sow about 80 feet of drill. For early salad sow in February, and for general crop at intervals through the spring, in rows 6 inches apart, and rather thick in rows. **Packet, 5c; 3 packets, 10c; any variety.**

Okra.

One ounce will plant 100 hills. In mild climate plant late in April and May, in hills about 2½ feet apart, and thin to 3 plants in a hill.

Kleckly's Favorite Okra

Chinese Mammoth — A European variety, with light green very large leaves. It has not the same taste as the large-leaved or the large curled, but will stand longer before going to seed. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; parcel post paid.**

Southern Giant Curled—The favorite kind here, sown largely for the market. Leaves are pale green, large and curled or scalloped on the edges. **1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 45c, parcel post paid.**

Elephant Ear—This is a splendid variety for the market gardeners and amateurs, and will surely give satisfaction wherever planted. The leaves are smooth, very large, and always tender and succulent, makes a large plant. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; parcel post paid.**

White Velvet Pod—Smooth, round pod Okra; tender and well flavored.

French Market—Very early, prolific; pods round and tender.

Kleckly's Favorite—One of the earliest and most productive of all Okras. It is a cross between the Tall Growing and the White Velvet varieties; commencing to bear when six inches high, producing a pod at the stem of each leaf, and continues bearing until frost.

Tall or Long Green—Pods long, slender, dark green; tender.

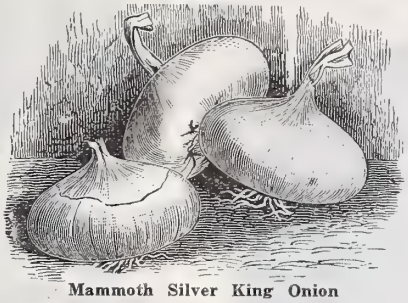
Early Dwarf Green—Early; pods short and dark green.

Price, any of the above varieties, pkt., 5c; 3 pkts., 10c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.

Onion.

Culture—One ounce will sow 100 feet of drill; 6 pounds will plant one acre. A deep, rich soil, thoroughly worked, is best for this crop. For large, fancy onions: Sow in January or February in hotbeds or trays. As soon as the weather opens and the sets are the size of a goose-quill, transplant in rows, twelve inches apart and four to six inches between the onions. For main crop: Sow in the open ground in March or April in drills twelve inches apart, thinning out afterwards to three or four inches apart.

Large Red Wethersfield Onion



Mammoth Silver King Onion

Large Red Wethersfield—Uniform shape, of flattened form; skin is deep purplish red; a splendid keeper; very popular. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.25, parcel post paid.**

Southport Red Globe—The largest and handsomest Onion; an extra deep red color, heavy cropper, tender, mild flavor. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.25, parcel post paid.**

Southport White Globe—Handsome, of mild flavor. **1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.50, parcel post paid.**

Yellow Globe Danvers—A well-known standard variety of uniform shape and excellent quality; bright yellow color. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.00, parcel post paid.**

Prize Taker Onion

Prize Taker—Of immense and uniform size; nearly perfect globe in shape and a bright straw color; ripens hard and fine. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60; 1 lb., $2.00, parcel post paid.**

Ohio Yellow Globe—A large yielder of nearly globe-shaped Onions. Grows to a good size, color a rich orange yellow; flesh white and crisp. A very popular variety in many sections of the country. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.00, parcel post paid.**

White Silver Skin—A mild flavored variety; good keeper. **1 oz., 25c; 2 oz., 50c; ¼ lb., 90c; 1 lb., $3.25, parcel post paid.**

Mammoth Silver King—Is a flat shape and of a mild flavor. **1 oz., 20c; 2 oz., 35c; ¼ lb., 65c; 1 lb., $2.00; parcel post paid.**

Red Bermuda—A very early, flat variety, for planting in the fall. The color is a pale red. **1 oz., 25c; 2 oz., 45c; ¼ lb., 70c; 1 lb., $2.25, parcel post paid.**

White Bermuda—This is a beautiful white Onion, largely grown in Southwest Texas. Immense quantities are shipped from Texas to Northern markets every summer. Sow seed in September. **1 oz., 35c; 2 oz., 50c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

Crystal White Wax—The earliest of the Bermuda onions, hardy and of finest quality. **1 oz., 35c; 2 oz., 50c; ¼ lb., 90c; 1 lb., $3.50, parcel post paid.**

Onion Sets.

Culture—Plant 4 inches apart, in rows about half an inch deep and 1 foot between the rows, but do not cover the sets entirely, except the Potato Onion, which should be planted in rows 2 feet apart and 9 inches apart in the row, and covered about one inch.

Notice—Prices by the bushel are subject to fluctuation of the maket, but the prices quoted on quarts, postpaid, will hold good throughout the season, or as long as our stock lasts. All Onion Sets are sold 32 pounds to the bushel.

Yellow Danvers Onion Sets

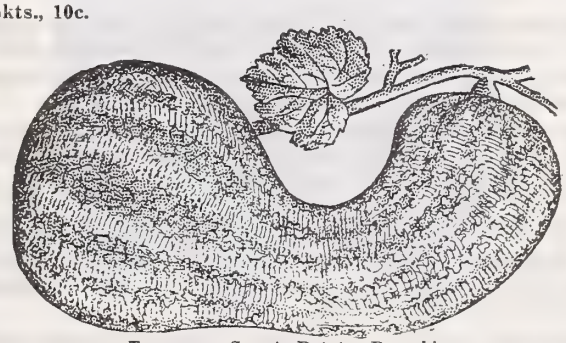
Prices, Parcel Post, Paid.

	Qt.,	½ Pk.	Pk.
Yellow Danvers	$ .20	$ .55	$ .85
Dark Red Wethersfield	.20	.60	.90
White Silver Skin	.25	.75	1.00
Yellow Potato Onion	.35	.90	1.50
White Multiplying Onions	.35	.90	1.50

Prices on Onion Sets by express, not prepaid, are given on page 3.

Pumpkin.

Culture—One pound will plant 40 hills; 5 pounds will plant an acre. Plant in hills 8 or 10 feet apart each way, allowing 4 seed to a hill. In other respects they are cultivated as melons and cucumbers. **Price, any variety, Pkt., 5c; 3 pkts., 10c.**



Tennessee Sweet Potato Pumpkin

Tennessee Sweet Potato—Shape similar to a bell, skin and flesh white, very thick and sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.**

Striped Cushaw—A crook-necked variety. Skin striped green and white, flesh rich yellow, solid, fine grained, very thick and sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 80c, parcel post paid.**

Kentucky Field—Large round, soft shell, salmon color; productive; best for stock. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 40c, parcel post paid.**

Connecticut Field—A large yellow variety, hard shell, excellent for field culture. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

King of Mammoth—The largest of all pumpkins. Fruits grow to enormous size, shape almost round, skin orange colored, slightly rough. Flesh deep and of a bright yellow color, quality excellent. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., $1.00, parcel post paid.**

Quaker Pie—Fine grained; smaller than the Field, but very prolific. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**

Japanese Pie—A crook-neck sort. Seeds peculiarly sculptured. Ripens early. Flesh, salmon-colored, fine-grained, and sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 80c, parcel post paid.**

Seed Potatoes

All quotations by freight or express below are f.o.b. Memphis, packed in bags, and subject to change of market prices. Shipments at owner's risk.

Please give plain shipping directions, and state when you wish Potatoes shipped. We cannot become responsible for changes in weather by which they might be damaged while en route.

Red Triumph Potato

Red Triumph—One of the earliest potatoes grown. Potatoes round, with deeply indented eyes and of pink skin. A very large yielding sort and satisfactory for the earliest market and shipping.

Northern-Grown Seed—By parcel post, pk., 80c. By freight, at buyer's expense, pk., 50c; bu., $1.75; 2½ bu. sack, $4.00.

Tenn. Second Crop Seed—By parcel post, pk., 90c. By freight pk., 50c; bu., $1.75; 2½ bu. bag, $4.00.

Irish Cobbler—A comparatively new extra early sort, grown in large quantities in some sections, where it is always the first variety ready for market. The flesh is clear white and of good flavor, always cooking dry and mealy. Skin is creamy-white and sometimes netted, an indication of quality. It is a very heavy, reliable cropper, producing handsome almost round potatoes very uniform in size and shape.
Tenn. Second Crop Seed—By parcel post, pk., 90c. By freight, pk., 50c; bu., $1.50; 2½ bu. bag, $3.50.

Early Ohio—In color it is dull red. It matures a week earlier than Early Rose. The flesh is solid, and of extra good flavor and mealy quality. Its extreme earliness and the fact that it is mealy when partially grown, makes it a great favorite with market gardeners. **By parcel post, pk., 90c. By freight, pk., 50c; bu., $1.50; 2½ bu. bag, $3.50.**

Carman No. 1—Size medium to large; thick and slightly flattened, a good tuber being nearly five inches long, three and a half inches broad, and one and a half inches in thickness; color of skin very pale, nearly white; eyes few. **By parcel post, pk., 90c. By freight, pk., 50c; bu., $1.50; 2½ bu. bag, $3.50.**

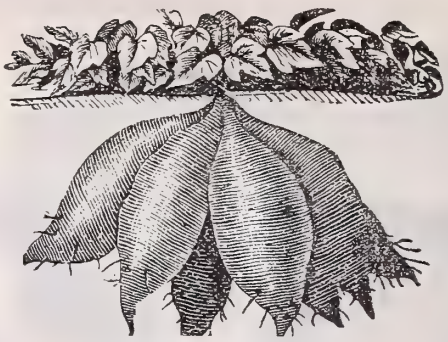
Lookout Mountain Potato—Very prolific, late; long keeping variety, for planting in June; grows large tubers, pure white, smooth, of good quality. No other variety stands our hot climate as well. We book orders now for shipment first of June. **By parcel post, pk., $1.10. By freight, pk., 65c; bu., $1.75; 2½ bu. bag, $4.25.**

Standard Seed Potatoes.

	Pk.	Bu.	2½ Bu.
New York Early Rose	$ .40	$1.30	$3.15
New York Early Peerless	.40	1.30	3.15
New York Burbanks	.40	1.30	3.15

By parcel post, any of the foregoing three varieties, pk., 80c, all charges paid within the 1st, 2nd or 3rd zones.

Seed Sweet Potatoes



Nancy Hall Sweet Potatoes

All prices here given are packed f. o. b. Memphis. Purchaser must pay carrying charges. Prices subject to market changes, and sold at the rate of 45 lbs. to the bushel.

All Seed Sweet Potatoes will be shipped about the 15th of March, as weather before that time is entirely too cold and potatoes will rot when handled or bedded too early. We absolutely make no guarantee whatever on them. They leave our store in good condition, and will be shipped at buyer's risk only.

	Pk.	Bu.
Nancy Hall—Skin yellow; meat, which is a clear amber color, is as sweet as honey	$ .75	$1.50
Bunch Yellow Yam—Finest quality yellow skin and flesh	.75	1.50
Early Triumph Sweet Potato—Flesh bright light yellow, of good size, very prolific and three weeks earlier than any other variety; very large smotth skin, cook soft; vine running	.75	1.50
Gold Coin Bunch Yam—Dark yellow flesh; matures early; vine bushy habit	.60	1.50
Genuine Yellow Yam—The old reliable running yam; deep yellow; flesh cooks soft	.75	1.75
Southern Queen—Matures very early; very productive; white flesh; vine running	.60	1.50

Sweet Potatoes by Parcel Post

Price, any variety, all charges paid within 3rd zone, 4 lb., 50c; 11¼ lbs., or 1 pk., $1.25.

Porto Rica Yam—This is a new Sweet Potato and a good one. The skin is golden color with a slight pinkish tinge. Meat deep orange yellow, soft and sweet, tubers long and smooth, a very desirable shape. It is one of the sweetest Sweet Potatoes that we have ever tried. Take our word for Porto Rica; it is a superb and desirable variety. You will like it. **½ pk., 60c; pk., $1.00; bu., 45 lbs., $2.50. By parcel post, ½ pk., 80c; pk., $1.25. Plants ready May 1st; 100, 35c; 500, $1.50; 1000, $3.00. By parcel post, 100, 45c; 500, $1.75; 1000, $3.20.**

Sweet Potato Plants

Ready April 25th.

Price by express, at buyer's expense.	100	1000
Bunch Yellow Yam	$ .25	$2.00
Running Yellow Yam	.25	2.00
Nancy Hall	.25	2.00
Early Triumph	.25	2.00
Southern Queen	.25	2.00
Red Brazilian	.25	2.00
Golden Coin Bunch Yam	.25	2.00

Lots of 10,000 or over, 25c per 1,000 less.

Sweet Potato Plants by Parcel Post

Price, any of the above varieties, by parcel post, within 3rd zone, per 100, 35c; 500, $1.50; 1000, $2.50.

Cold Storage Potatoes.

We will have a nice lot of different varieties of Seed Potatoes, kept on cold storage for late planting, in July and August. Write for prices in June or July.

BUG DEATH.

A new powder that effectually takes the place of paris green and other dangerous and poisonous insecticides. Absolutely safe to use, as it contains no poison whatever. Send for circulars. **Price, 1 lb., 15c; 3 lb., 35c; 5 lb., 50c; 12½ lb., $1.00. By parcel post, 1 lb., 25c; 3 lb., 50c; 5 lb., 70c; 12½ lb., $1.35.**

Peas

One Quart Will Plant About 125 Feet of Drill.

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best. When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March, and continue for a succession every two weeks until June. The wrinkled sorts marked (*) should not be sown until March 1st, or as soon as ground is warm.

Ameer Peas

Ameer—A new and valuable strain of the popular Alaska Pea, the distinctive superiority being that it makes much larger pods and is more prolific. The vines grow 24 inches. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

Alaska—The earliest blue Pea, very uniform in growth. The dark green color of the pods makes it extremely desirable; vines 2 feet. **½ pint, 15c; pint, 25c; qt., 40c; 4 qts., $1.25; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 15c; qt., 30c; 4 qts., $1.00.**

Fill Basket—A variety for the family garden. Vine 34 inches. Long pods and well filled. It is second early and can be recommended for the use of market gardeners, being very prolific. **½ pint, 15c; pint, 20c; qt., 35c; 4 qts., $1.10; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 15c; qt., 25c; 4 qts., 85c.**

Schwill's Extra Early Market—This makes one of the largest podded and most productive of all the smooth seeded extra early peas. The vines grow about 30 inches in height and all be gathered in two pickings. Pods large, round and well filled with delicious, tender peas. **½ pt., 15c; 1 pt., 25c; qt., 45c; 4 qts., $1.40; parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.15.**

Large White Marrowfat—This kind is planted more for the market than any other. It is very productive, and when young, quite tender. Grows about 4 feet high. **½ pint, 15c; pint, 20c; qt., 30c; 4 qts., $1.00; parcel post paid. By express, not prepaid, ½ pint, 10c; pint 15c; qt., 25c; 4 qts., 75c.**

Fertilizers.

These are especially recommended for lawns, roses and flowers.

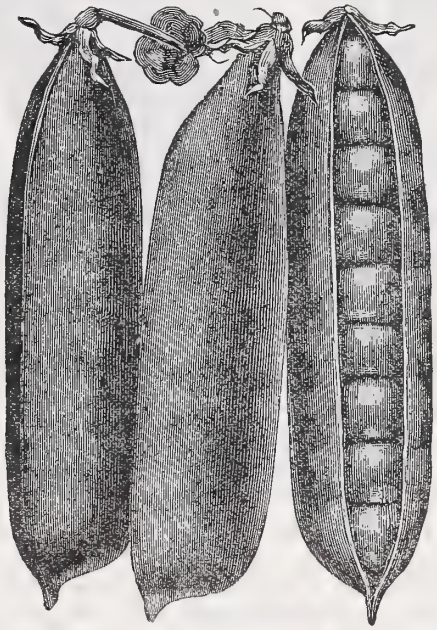
Pulverized Sheep Manure	**100 lbs., $2.00**
Peat Humus or Muck	**100 lbs., 1.00**
Ground Lime Stone	**100 lbs., .75**
Pure Bone Meal	**100 lbs., 2.50**

***Gradus or Prosperity**—This is the earliest large podded pea in cultivation. The peas are tender, sweet, of extra large size; pods average 4 to 4½ inches long and contain from 8 to 10 peas of enormous size and excellent quality. **½ pint, 15c; pint, 25c; qt., 50c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

Claudit—They are the same color and average about one and a half times as large as Alaska, the pods being in about the same proportion. The vines usually grow 2½ feet high, bearing seven to nine peas to the pod. For early market planting it cannot be surpassed anywhere. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

***American Wonder**—One of the best and most desirable dwarf varieties grown. It grows about 15 inches in height, of compact habit and a large cropper. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

***Melting Sugar (Edible Pods)**—Grows to the height of 5 feet; bears a profusion of large, broad, brittle pods. Should be used in much the same way as a Wax Bean. **Packet, 15c; ½ pint, 20c; pint, 35c; qt., 60c; parcel post paid. By express, packet, 10c; ½ pint, 15c; pint, 25c; qt., 50c; 4 qts., $1.50.**



Telephone Peas

***Telephone**—A fine, tall wrinkled late variety and a great cropper, bearing immense pods of large peas of exquisite flavor. Vines 4 feet. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

***Alderman**—4 ft. A grand second early pea. One of the very best in this class for the market gardener. It is vigorous growing, productive variety, bearing pods of immense size, 5 to 6 inches in length. Very handsome dark green color. The peas are large, and in quality sweet and tender. **½ pt., 15c; 1 pt., 25c; qt., 40c; 4 qts., $1.25, parcel post paid. By express, not prepaid, ½ pt., 10c; 1 pt., 20c; qt., 30c; 4 qts., $1.10.**

Standard Varieties English Peas.

Prices of any of the following varieties: **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.25; parcel post paid.**

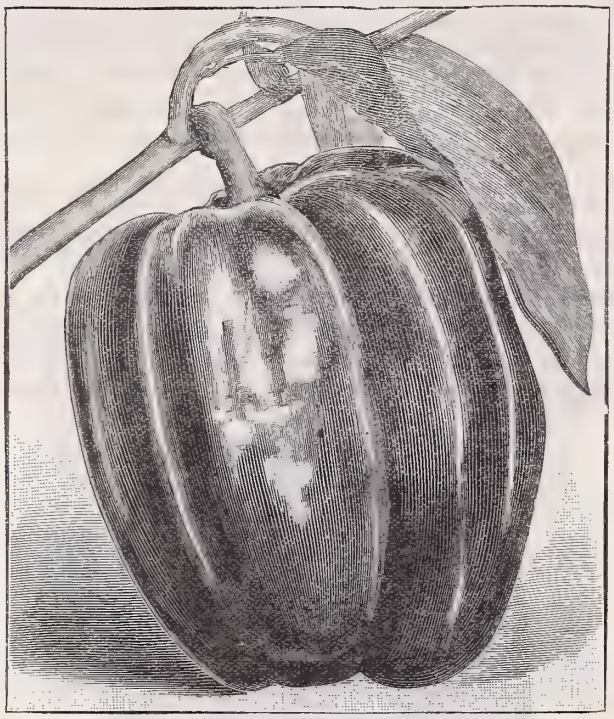
Prices, by express, not prepaid, as follows:

	Height	½ Pt.	Pt.	Qt.	4 Qts.
*Champion of England	48 in.	$ .10	$ .15	$ .30	$1.00
Early May	30 in.	.10	.15	.25	.90
First and Best, Extra Early	30 in.	.10	.15	.25	.90
*McLean's Little Gem	10 in.	.10	.20	.35	1.00
*Nott's Excelsior	14 in.	.10	.20	.35	1.00

Market Gardeners' Bulk Price List of English Peas, by the peck and bushel, are given on page two.

Pepper.

One ounce will produce 1,000 plants. Sow early in spring in hotbed and transplant to the open ground as soon as the weather is warm and settled. The seed may also be sown in the open ground, but not until all danger of frost is past.



Chinese Giant Sweet Pepper

Chinese Giant—Plant dwarf, fruit of mammoth size, very broad but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. **Pkt., 10c; ½ oz., 25c; 1 oz., 50c; 2 oz., 90c; ¼ lb., $1.50, parcel post paid.**

Ruby King—A pepper of large size, well known and much esteemed by truck growers. When ripe, its color is a beautiful ruby red, very attractive and of good quality. **Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.25, parcel post paid.**

Crimson Giant—An early maturing large size sweet Pepper, similar in shape to Chinese Giant, but much longer, and flesh thicker. It is exceptionally mild and very prolific, earlier than Chinese Giant. **Pkt., 5c; ½ oz., 25c; 1 oz., 40c; 2 oz., 70c; ¼ lb., $1.35, parcel post paid.**

Bell or Bull Nose—Large and oblong; a good bearer; not as sweet as Chinese Giant. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Golden Dawn—Color bright golden yellow, very brilliant and handsome. **Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.25, parcel post paid.**

Bird's Eye or Creole—Very hot, small roundish pods; used for pepper vinegar. **Pkt., 10c; ½ oz., 25c; 1 oz., 50c, parcel post paid.**

Red Chili—Small and very pungent; used for chili sauce. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.**

Long Red Cayenne—Bright red, long in shape, very pungent. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 35c; ¼ lb., 55c.**

Tobasco—Very pungent and strong; a splendid cropper. **Pkt., 10c; ½ oz., 25c; 1 oz., 50c, parcel post paid.**

Mixed Red Hot Pepper—A mixture of all red hot varieties.

Mixed Mango Pepper—A mixture of all sweet peppers.
Price, either mixture, Pkt., 10c; 1 oz., 40c; 2 oz., 70c; ¼ lb., $1.00.

Pepper Plants, Ready April 15th.

Bell or Bull Nose	Chinese Giant
Neapolitan Sweet	Long Red Cayenne

Price, doz., 35c; 50 for $1.00; 100 for $1.85, parcel post paid. By express, not prepaid, doz., 25c; 50 for 75c; 100 for $1.50.

Parsley.

One ounce will sow 150 feet of drill. Sow early in the spring in drills a foot apart. The seed germinate very slowly, and sometimes 2 or 3 weeks will elapse before the plants will make their appearance. It often fails entirely in dry weather. **Pkt., 5c; 3 pkts., 10c; any variety.**

Double or Curled—Leaves crimped or curled; used principally as a garnish for the table. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c, parcel post paid.**

Plain or Single—Stronger in flavor than the double varieties. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.**

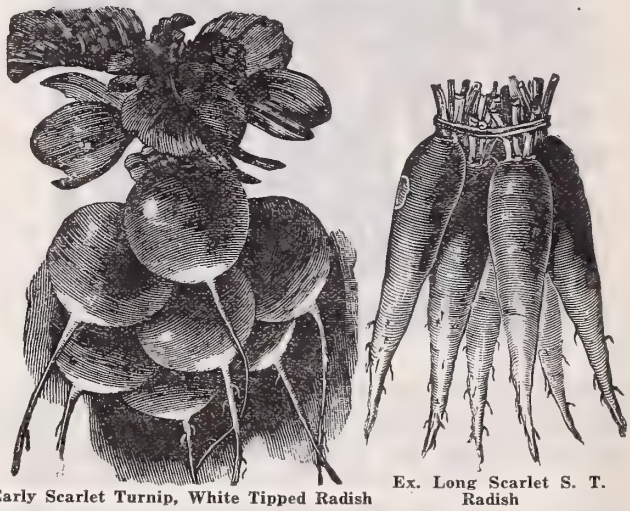
Parsnips.

One ounce will sow 200 feet of drill; 5 pounds required for one acre. As the seed is sometimes slow to germinate, it should be sown as early as possible in drills 2 feet to 2½ feet apart; cover ½ inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to 5 or 6 to the foot.

Sugar, or Hollow Crown—Roots very long, white, smooth, tender. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 85c, parcel post paid.**

Radish.

Sow in drills very early in spring, and later for a succession at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hotbeds. One ounce to 50 feet of drill; 10 pounds to the acre. Any variety. **Pkt., 5c; or 3 pkts. for 10c; postage paid.**



Early Scarlet Turnip, White Tipped Radish — Ex. Long Scarlet S. T. Radish

Early Scarlet Turnip, White Tipped—One of the handsomest of the turnip radishes and a great favorite. Color very deep scarlet with a distinct white tip; flesh white and of the best quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Long Scarlet Short Top—The best of the long red Radishes. It is very early, of good size, fine quality; good for bunching, and is the most largely planted of all long red Radishes. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Early Scarlet Turnip—A well known and highly esteemed variety; extensively grown for market. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Crimson Giant—A large globe-shaped variety. Handsome deep scarlet; thin skin, solid white flesh of best quality. Attains a large size without becoming pithy or losing its crispness. An excellent variety. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.**

Standard Radishes

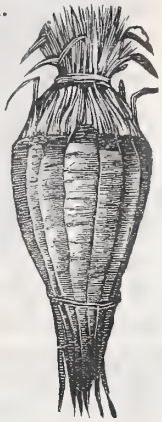
Price 5c per packet, any variety, 3 packets for 10c.

Bulk Prices, Parcel Post Paid	1 oz.	2 oz.	¼ lb.	1 lb.
French Breakfast	$ .10	$ .15	$ .20	$ .55
Early White Turnip	.10	.15	.20	.55
China Rose Winter	.10	.15	.25	.60
California Mam. White Winter	.10	.15	.25	.60
Long Black Spanish	.10	.15	.20	.55
Round Black Spanish	.10	.15	.20	.55
White Vienna Lady Finger	.10	.15	.20	.50
Yellow Summer Turnip	.10	.15	.20	.55
Schwill's Superb Radish Mixture	.10	.15	.20	.50

Rhubarb or Pie Plant.

Sow in spring in seed bed, in drills one foot apart. Cultivate well during the season, and in the autumn or following spring transplant into deep rich soil, from three to four feet apart. The stalks should not be cut before the third year. For immediate use order roots, which come into use at once. **Seed, per pkt., 5c; 1 oz., 30c, parcel post paid.**

Rhubard or Pie Plant



Mammoth Sandwich Island Salsify

Rhubarb Roots.

Delicacy—A fine, large wine-colored stalk. **By parcel post, 1-year plants, each, 15c; doz., $1.25. 2-year plants, each 35c; doz., $2.50. By express, at buyer's expense, 1-year plants, each, 10c; 12 for $1.00. 2-year plants, each, 25c; 12 for $2.00.**

Salsify or Oyster Plant.

One ounce will sow 50 feet of drill; 6 to 8 pounds to an acre. Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches.

Mammoth Sandwich Island—This variety is large, strong growing, and less liable to branch than the other sorts. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.75, parcel post paid.**

Spinach.

One ounce to 60 feet of drill; 8 to 10 pounds to the acre. For an early summer crop sow early in the spring, in drills 1 foot apart, and thin out to 2 inches in the row. For winter and early spring crop sow either broadcast or in drills about the first of September or later.

Bloomsdale Savoy Leaved Spinach.

Bloomsdale Savoy Leaved—A valuable variety, wrinkled leaves, resembling the Savoy Cabbage; is very hardy and prolific. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; 5 lb., $2.25, parcel post paid.**

New Zealand—Grows 1½ feet high, and if transplanted two by three feet will produce an abundant crop in the hot weather when the ordinary spinach cannot be had. **Pkt., 5c; 1 oz., 15c; ¼ lb., 35c; 1 lb., $1.00, parcel post paid.**

Victoria Spinach—One of the best varieties for spring growing, as it stands fully two weeks longer than any other sort before running to seed. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

Sorrel.

This plant is considered valuable for its acid properties, mixed with salads, it imparts an agreeable and refreshing flavor. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large Leaved French—Pkt., 5c; 1 oz., 15c; ¼ lb., 50c; 1 lb., $1.25; parcel post paid.

Squash.

One ounce will plant 40 to 50 hills; 3 to 4 pounds to the acre. Sow about the middle of spring in hills—the early sorts about 4 feet apart and the late varieties 6 to 8 feet. **Pkt., 5c; 3 pkts., 10c; any variety.**

Yellow Summer Crookneck—Early, productive and of good quality; skin orange yellow. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.**

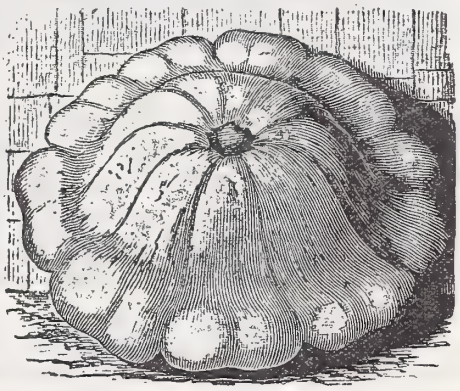
Giant Yellow Summer Crookneck—Double the size of the ordinary Crookneck, and very warty, but similar in other respects. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.**

Mammoth White Bush, Scalloped—An improved variety of the well known White Bush Squash, growing 12 to 25 inches across; of uniform shape, of a beautiful white color, very early and prolific. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.**

Hubbard—One of the best winter squashes; flesh bright orange yellow, fine grained, very dry, sweet and richly flavored. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 75c, parcel post paid.**

Mammoth Chili—The "Jumbo" of the Squash family. Outer color rich orange yellow; skin is quite smooth with wide fissures. Flesh very thick and of a yellow color. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**

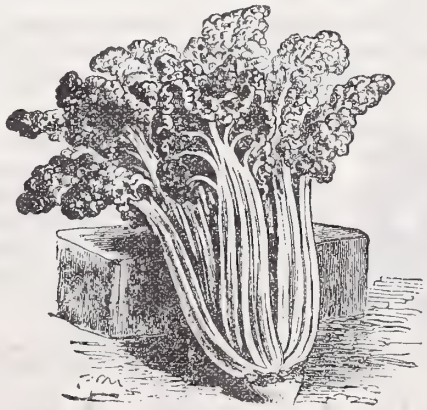
Golden Custard—Mammoth strain of Golden Bush; a valuable new sort; flesh golden yellow, fine quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**



Early White Bush Squash

Early White Bush—Extremely early; one of the best for summer use. Fruit white, with scalloped edges. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.**

Boston Marrow—Large fruited hard shell sort for winter use, having bright orange skin and deep yellow flesh. Vines running, very productive. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 90c, parcel post paid.**



Swiss Chard.

Swiss Chard or Cut and Come Again Spinach—This beet produces leaves only, excellent as greens. Cultivate same as spinach, sowing the seed in early spring, in drills 1½ feet apart. **Swiss Chard, packet, 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**

Tomato

Culture—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant in hotbed or boxes and when all danger from frost is past transplant in open ground about 4 feet apart each way.

Early Detroit Tomato

Early Detroit—This is not only the most productive of the early purplish-pink Tomatoes, but in uniformity and size of fruit, freedom from cracking and from tendency to blight it has been found to meet the most exacting requirements. Vine vigorous and very productive. Fruits smooth, uniform in size, nearly globe-shaped, firm, excellent quality. Better than Acme, as it does not crack and holds size during the season; a favorite now with our market gardeners. **Pkt., 5c; ½ oz., 20c., 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

Acme—Hardy, vigorous and productive; fruit large, smooth, round; color pink. An old and well-known sort. **Packet, 5c; ½ oz., 15c; 1 oz., 25c; ¼ lb., 65c; 1 lb., $2.00, parcel post paid.**

Earliana—Very early. Habit of vine dwarf and compact. Fruit ripens in 85 or 90 days after germination of seed. Fruit borne in clusters of from 10 to 15 in a bunch. A remarkable variety, and one which is in good favor among market gardeners, ripening in about 100 days. **Packet, 5c; ½ oz., 15c; 1 oz., 25c; ¼ lb., 70c, parcel post paid.**

Perfection—Almost round fruits; smooth, tough skin of brilliant scarlet; ripens thoroughly; solid and of rich flavor. **Packet, 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Favorite—A large, handsome and uniform-shaped tomato; solid, smooth and bright scarlet; ripens early. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

A new powder that effectually takes the place of paris green and other dangerous and poisonous insecticides. Absolutely safe to use, as it contains no poison whatever. Send for circulars. **Price, 1 lb., 15c; 3 lb., 35c; 5 lb., 50c; 12½ lb., $1.00. By parcel post, 1 lb., 25c; 3 lb., 50c; 5 lb., 70c; 12½ lb., $1.35.**

Bonny Best Early Tomato—New. As its name signifies, it is the best extra early tomato yet introduced. Is fully ten days earlier than Chalk's Early Jewel, and within a day or two, if not quite as early as Spark's Earliana. Truckers who tested it, claim it is as early as Earliana. It is a vigorous grower, very prolific, with dense foliage, which protects the fruits from hot sun when other varieties like the Earliana have scalded fruits. The fruit is even size, smooth, round, red, of delicious flavor, ripening to stem. **Pkt., 5c; ½ oz., 15c; 1 oz., 30c; 2 oz., 50c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

Schwill's Premier Tomato—The largest and smoothest of the extra early red tomatoes. Ripens a few days ahead of Earliana; the fruits are larger and smoother. The vines grow very compactly, are immensely productive, and better still, bear continuously throughout the season in which respect it far surpasses Earliana. **Pkt., 5c; ½ oz., 25c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**

Trucker's Favorite—The finest large fruited purple tomato. Most regular in form and size; thick meated and very solid. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.**

Livingston's Globe Tomato

Livingston's Globe—A large, purple fruited sort of excellent quality. Fruits rather uneven in size but very smooth, and mature earlier than most main-crop sorts. The average tomato is very deep, almost globe-shaped and very solid. **Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

Matchless—One of the best main crop sorts. Fruits very large, smooth, exceedingly solid and of a good red color. It is quite prolific and matures a little later than Stone. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.**

Trophy—Large, late, bright red, and good cropper **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Red Rock—A large, late, red variety. Larger than Stone and very solid; almost solid meat. **Packet, 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

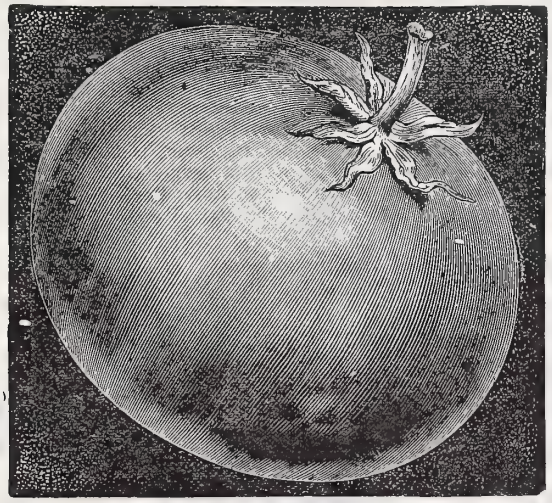
Seeds Given Away

For some years we have, each season, distributed free, among our customers, thousands of packages of seeds of new and improved varieties. Some of our most valuable Specialties have been first sent out in this way, by which means they were tried in all sections of the country. We shall follow the same plan in the future, and have again put up several thousand packages of a number of valuable varieties in both Vegetables and Flowers, and shall add one or more packages free of charge to all orders of $1.00 or over. This, however, does not apply to any of the collections in this Catalogue.

Ponderosa Tomato

Ponderosa—A purplish pink tomato of the largest size. Vine vigorous and very productive. Fruits very solid, with exceptionally few seeds, fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. Ripens about midseason. Very desirable for slicing. **Packet, 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

Beauty—Rich, glossy crimson, with a slight purple tinge. The fruit grows in clusters of four to five, is of large size, very smooth, and retains its character till late in the season. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**



Stone Tomato

Stone—A large red tomato and one that can be recommended generally for all purposes, whether home use, market, or canning. It is especially desirable for late planting. As the name indicates, it is very solid and firm; large size, ripens evenly, and is a good keeper. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.**

Beefsteak—The largest and heaviest smooth tomato offered. The color is crimson and of a most agreeable acid flavor. **Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

Tomato Plants.

Ready March 25th. Varieties—Acme, Early Detroit, Beauty, Stone, Ponderosa, Earliana.

Price by parcel post (hotbed stock) as follows: 12 for 25c; 50 for 40c; 100 for 70c.

Price by express, at purchaser's expense: 12 for 15c; 50 for 30c; 100 for 50c; 1000 for $4.00.

Transplanted Strong Plants, by parcel post: 12 for 35c; 50 for $1.25; 100 for $1.85.

Price, by express, at buyer's expense: 12 for 25c; 50 for $1.00; 100 for $1.50; 1000 for $10.00.

Schwill's Red Majestic Tomato

Schwill's Red Majestic Tomato—About ten days later than Stone. Fruits larger, brighter color, very smooth and more productive. The very best variety for late market. A prize-winner at our Tri-State Fair. **Pkt., 5c; ½ oz., 25c; 1 oz., 50c; 2 oz., 75c; ¼ lb., $1.25, parcel post paid.**

Dwarf Ponderosa—Compact bushy habit; fruit immense in size, of a rich purple crimson color, and as solid as a rock, perfectly smooth like all the dwarf tomatoes, the plants are vigorous and do not blight as easy as the running or vine varieties. **Packet, 10c; ½ oz., 30c; 1 oz., 55c; 2 oz., $1.00; ¼ lb., $1.50, parcel post paid.**

Golden Queen—Large, smooth fruits, of a beautiful golden color; quality, excellent; attractive for slicing and mixing with sliced red sorts. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Preserving Tomatoes.

The following small-fruited varieties are used for making preserves, and are also quite ornamental while growing in the garden: **Prices uniform as follows: Pkt., 5c; ½ oz., 25c; 1 oz., 40c, parcel post paid.**

Yellow Pear Shape	**Red Peach**
Red Pear Shape	**Strawberry or Husk.**

Tobacco.

Culture—Tobacco can be grown by any one that can grow cabbage. The seed should be sown on a well prepared seed bed in the spring and a piece of canvas stretched across the top to protect against the weather. When plants are about six inches high, set out two feet apart in rows three feet apart; spray with Paris green to keep the insects off.

Havana—Packet, 10c; 1 oz., 40; parcel post paid.

Connecticut Seed Leaf—Packet, 5c; 1 oz., 25c; parcel post paid.

Kentucky White Burley—Packet, 5c; 1 oz., 35c; parcel post paid.

NEW PLANET, JR., DRILL No. 33.

A new departure—a Planet, Jr., Drill at a popular price, and now perfected so they will sow perfectly. It will pay the smallest gardener to have one of these new tools. Ask for 1916 Planet, Jr., catalogue.

Price, No. 32 Planet, Jr., Drill Seeder $5.00.

Then we have the mate to this drill in the way of a Garden Plow; it comes separate as a Wheel Hoe. The No. 33 Planet, Jr., Garden Wheel Hoe, equipment all ready to set us as follows:

One large garden plow.
One 5-inch sweep.
One 10-inch sweep.
One 2-inch cultivator tooth.
One 5-prong hoe,

with frame, handles and wheel. It's a dandy. **Price, $3.00.**

Turnips

One ounce will sow 100 feet of drill; 2 pounds per acre broadcast. Turnips do best in a highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in February. For a succession, sow at intervals of a fortnight until the last week in May, and from the first of July to the end of September, sowing may be made for the fall and main crops.

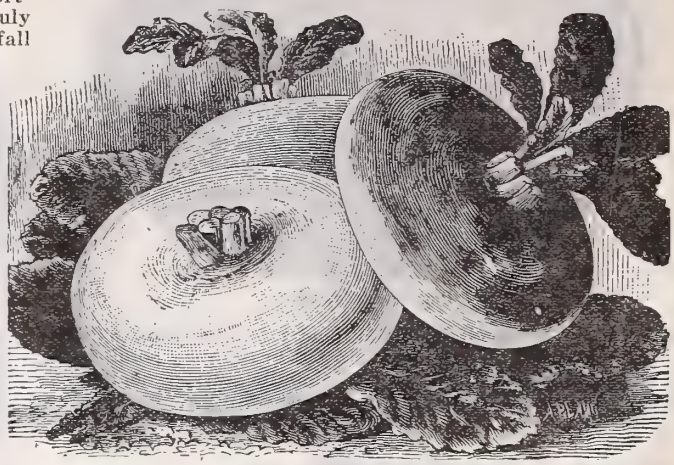
Mammoth Purple Top White Globe Turnip

Mammoth Purple Top White Globe—Flesh white and of excellent quality; shape is nearly a globe; skin white at bottom, purple at top. **Packet, 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Extra Early Purple Top Milan—Similar to White Milan, except roots are a little flatter and purple-red on upper portion. All in all, the Milan turnips leave nothing more to be desired in the way of an extra-early garden turnip. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.**

Seven Top—Cultivated extensively in the South for tops, which are used for greens. It is very hardy and will grow all winter. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Early White Flat Dutch S. L.—A very quick-growing white variety, adapted for spring sowing. **Packet, 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 40c, parcel post paid.**



Red or Purple Top S. L. Turnip

Red or Purple Top Flat Strap Leaf—An early flat sort; crown purplish-red, white below, flesh white. Will make a crop sown among corn. Used principally for stock. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Purple Top Yellow Aberdeen—A medium-sized, round late-maturing yellow turnip. Roots yellow with purple crown; flesh pale yellow. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Large Amber Globe—Grows to a large size, skin yellow, with green crown. Flesh yellow. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Dixie Land—Similar to Seven Top, but the tops are more abundant, and it makes a fine large white turnip that stands in the open ground all winter. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Large White Globe Turnip

Improved Purple Top Yellow Ruta Baga

Early White Flat Dutch Turnip.

Extra Early White Egg—Is very early, tender and crisp. The shape is oblong, resembling an egg. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Large White Globe—Of perfect globe shape; skin white and smooth; leaves large and dark green. **Packet, 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

Long White Cowhorn—A very productive quick-growing turnip of excellent quality, fine-grained and very sweet. Often used as a soil improver. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.

American Red Top White Globe—A large globular variety very even in shape and of handsome appearance. The crown is purplish red and the remaining portion clear white. The flesh is white, of excellent quality and desirable for table use. The variety is a good keeper and a fine market sort. This seed is grown for us on special contract and is far superior to the ordinary imported stock. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Superb Mixed Turnips—A mixture of all varieties, lasting from early fall to the following spring. **1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 40c, parcel post paid.**

Rutabaga.

Swedish or Russian Turnips.

Improved Purple Top Yellow—Grows the same shape and size as Purple Top Globe Turnip. Color of skin yellow with purple crown. Flesh deep yellow, fine grained and of excellent quality. It is an excellent keeper. The top is much shorter than most Rutabagas; it has absolutely no neck and is a rapid grower. Can be planted as late as September 15th. **Packet, 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Carter's Elephant—The largest and heaviest yielding yellow fleshed sort. It produces large, oval-shaped roots; flesh very solid, fine grained. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**

Johnson's Favorite—A popular English Yellow Swede. A decided favorite with our local trade. Has short neck, shape oblong. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Sweet Peas

Schwill's Superb Large Flowering Sweet Peas

Cultural Directions—Sow in the spring as soon as the ground can be prepared in a deep, rich soil and for succession until the middle of April. Open a drill 4 to 5 inches deep, and cover the seed from 2 to 3 inches. As the vines grow up, draw the soil up against them for support. A row of brush or wire netting should be placed between them for the vines to trail on. Pick flowers closely and do not allow to go to seed.

Nitrate of Soda is the best fertilizer for sweet peas. It is a fine stimulant and plant food. Apply lightly alongside of plants, not too close.

Named Standard Grandiflora Sweet Peas.

Prices for any of the following named sorts, except where otherwise quoted: **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

America—Striped blood red on white ground.
Apple Blossom—Fine bright pink and rose free bloomer.
Cocinnea—Cerise red, self-colored, effective.
Dorothy Eckford—Purest white, very large bold flower.
Duke of Westminster—Very dark purple flowers, large and showy.
Emily Henderson—Splendid white; one of the best.
Extra Early Blanche Ferry—Bright rose, wings white tinted.
Janet Scott—Very deep shade of pink, a fine color.
King Edward VII—A bold large red flower, bright color.
Katherine Tracy—Soft brilliant pink, beautiful shade.
Lady Grisel Hamilton—Light lavender blue, beautiful.
Navy Blue—Deep violet blue, very fine.
Othello—Glossy purple, self-colored, elegant.
Prima Donna—A beautiful shade of pink.
Prince of Wales—Bright deep rose, very large.

Spencer's Type or Orchid Flowered.

These are larger and more graceful in every way than the ordinary varieties, absolutely unequaled, a matchless combination of giant flowers, a new and distinct form.

Named Varieties—Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $3.00, parcel post paid.

Apple Blossom Spencer—Brightest pink rose shade.
America Spencer—Striped bright red on white ground.
Asta Ohn Spencer—Soft lavender, suffused mauve.
Burpee's White Spencer—Pure white, very large flowers.
Countess Spencer—Large wavy petals, soft rose pink.
Decorator Spencer—Rich rose overlaid with terra cotta.
King White Spencer—Glistening purest white, a grand large flower.
Margaret Madison Spencer—Clear azure blue, always attractive.
Margaret Atlee Spencer—Extra large flower, most beautiful cream pink.
Mary Garden Spencer—Soft buff, suffused with salmon pink and apricot.
King Edward Spencer—Deep carmine scarlet, sunproof.
Othello Spencer—Immense flower, glossy purple, elegant.
Vermillion Spencer—The very brightest crimson, a beautiful variety.

Mixed Sweet Peas.

Schwill's Superb Large Flowering—This mixture is composed of varieties all of the largest flowering, in even quantities of color. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; ½ lb., 50c; 1 lb., $1.00, parcel post paid.**

Spencer Mixed Sweet Peas.

These are larger and more graceful in every way than the ordinary varieties, absolutely unequaled, a matchless combination of giant flowers, a new and distinct form. Finest mixed colors. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50.**

Perennial Mixed Sweet Peas—Perfectly hardy and very handsome free-blooming climbers, with clusters of elegant sweet pea-like blooms. They come up year after year. **Pkt., 10c; oz., 25c.**

Nasturtiums.

Few flowers compare with Nasturtiums in richness and variety of colors, freedom of bloom, ease of culture and general usefulness. Sow the seed an inch deep and then thin seedlings to 10 or 12 inches apart.

The tall sorts are well adapted for covering unsightly railings and to trail over rough ground. The dwarf or Tom Thumb sorts are excellent for bedding or borders. Of easiest culture.

Dwarf Mixed Nasturtiums

Dwarf Mixed Nasturtiums—In this will be found varieties of both light and dark colored foliage. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 80c; parcel post paid.**

Exquisite Dwarf Mixed Nasturtiums—A magnificent strain, containing countless shades, colors, stripes, blotches and veinings. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c, parcel post paid.**

Tall or Giant Nasturtiums

Nasturtiums, Tall Mixed—A brilliant, effective mixture. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**

Nasturtiums, New Giant Flowered—These superb Nasturtiums attract instant attention by the great size, exquisite form and rich color of the flowers. Mixed colors. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40, parcel post paid.**

Madam Gunter's Hybrid Nasturtiums—Flowers are striped or blotched, with shades of red on yellow and orange ground, forming a combination of exceeding brilliancy and beauty. About 4 feet high. Half hardy annual. **Pkt., 5c; 1 oz., 15c.**

Flower Seeds

General Culture Directions.—Most Flower Seeds germinate well in a rather light, sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all the hardy seeds germinate better when planted in early spring, as soon as the soil can be worked fairly easy.

Special offer of Flower Seed in Packets. We will send you, Postage paid:

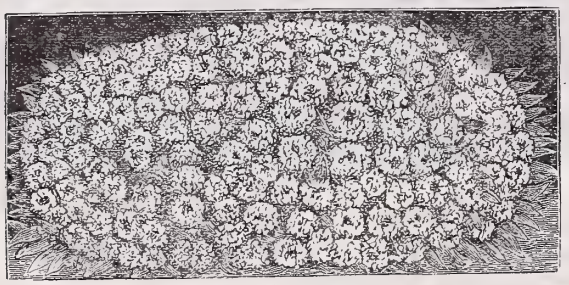
3— 5c Packets for	$ .10
8— 5c Packets for	.25
17— 5c Packets for	.50
35— 5c Packets for	1.00
3—10c Packets for	.25
7—10c Packets for	.50
15—10c Packets for	1.00

Note carefully the price of every variety before you order. Some are sold at 5c a packet and others at 10c a paeket.

We have made our list of Annuals and Perennials under separate headings.

Abronia Umbellata—A verbena-like trailing plant, bearing rose colored fragrant flowers. Splendid for rock work, Hardy, annual. **Pkt., 5c.**

Amaranthus, Princess Feathers—Highly ornamental. We offer a splendid mixture of all varieties; have handsome foliage, hardy, annual. **Pkt., 5c.**



Sweet Alyssum

Alyssum, Sweet—One of the sweetest and most useful of summer flowers for edging, borders, rock work, etc., continues in bloom the entire season. Flowers white, 1 foot, hardy annual. **Packet, 5c; 1 oz., 25c.**

Alyssum, Little Gem—A Sweet Alyssum with pure white blossoms and very dwarf and dense growth. It is, perhaps, the finest sort for geometrical flower beds and borders. **Pkt., 5c; 1 oz., 30c.**

Antirrhinum (snapdragon)

Bachelor's Button

Antirrhinum (Snapdragon)—Showy and useful border plants, producing a great variety of brilliant flowers. Very effective in beds, succeeding in any good soil. Blooms the first season. **Tall mixed, 2 feet, Pkt., 5c; Dwarf, mixed, 1 foot, Pkt., 5c.**

All trees, plants and vines that comprise nursery stock will be forwarded to purchaser as soon as the weather conditions will permit them to be planted in your section, but must be sent separate from seed orders. We will pack all orders together if possible to do so.

Giant Japanese Asters

Asters.

This has become one of the most popular, beautiful and effective garden plants, growing from 10 to 24 inches high. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil.

Giant Japanese Aster—They combine more points of merit than any other one class of Asters, bearing extraordinarily large semi-spherical flowers, averaging five inches in diameter, of the most symmetrical form. They are of great durability, the petals being of splendid substance, withstanding storms, rains and hot suns better than any other Aster. 20 inches in height.

Giant Japanese—Pure white. **Pkt, 10c.**
Giant Japanese—Light yellow. **Pkt., 10c.**
Giant Japanese—Salmon rose. **Pkt., 10c.**
Giant Japanese—Brilliant carmine. **Pkt., 10c.**
Giant Japanese—Terra Cotta. **Pkt., 10c.**
Giant Japanese—Deep scarlet. **Pkt., 10c.**
Giant Japanese—Deep lilac. **Pkt., 10c.**
Giant Japanese—Light blue. **Pkt., 10c.**
Giant Japanese—Mixed all colors. **Pkt., 10c.**

Giant Comet Aster—Flowers of immense size, often 6 inches across. Long, wavy, twisted petals, gracefully formed into loose yet dense half globes, resembling Japanese Chrysanthemums. 12-16 inches in height. White, Clear Rose, Dark Blue, Light Blue, Carmine, Dark Scarlet, Finest Mixed. **All 10c per packet.**

Aster, China, Mixed—Well-known, hardy variety. **Packet, 5c.**

Aster, Paeony Flowered—Large and double mixed. **Packet, 10c.**

Aster, Victoria—Imbricated petals; large flowers. **Packet, 10c.**

Bachelor's Button—It has been so perfected that fully 80 per cent. of the flowers are double and semi-double; are also increased in size and present many colors and distinct markings; mixed. **Pkt., 5c.**

Balsam, Double Mixed—Magnificent for outdoor planting, producing in gorgeous profusion flowers of the most beautiful and varied colors; half hardy perennial. **Pkt., 5c.**

Calliopsis—Large, bright yellow flowers; very effective for cutting and decorations; mixed varieties. **Pkt., 5c.**

Candytuft, Empress, White—Flowers profusely all summer; good for edging. **Pkt., 5c.**

Candytuft, Finest Mixed—All varieties and colors in one packet. **Pkt., 5c.**

Corn Flower (Centaurea Cyanus)—The well-known everlasting flowers; mixed colors. **Pkt., 5c.**

Corn Flower, Emperor William—Fine sky blue. **Pkt., 5c.**

Carnation, Marguerite

Cosmos Dwarf Early Flowering

Carnation, Marguerite—Exceedingly fragrant double flowers, very beautiful. **Pkt., 10c.**

Cosmos, Giant—Flowers measure from 4½ to 5 inches across, petals fringed, pinked, toothed and plain, and in color from pure white through shades of pink and red to rich dark red.

Giant Crimson .....pkt. 10c **Giant Pink** .....pkt. 10c
Giant White .....pkt. 10c **Giant Mixed** .....pkt. 10c

Cosmos, Dwarf, Early-Flowering—Of compact, bushy growth (about 4 feet), with flowers as large as the older sorts. This has proved to be a most popular variety. **Pkt., 5c.**

Chrysanthemum—Extremely showy and effective Summer bloomers. For early blooming start seeds indoors the latter part of March. Transplant to the garden when danger of frost is past, 2 to 3 feet; tender annual. Coronarium, mixed colors. **Pkt., 5c.**

Calendula—Showy, free-flowering annuals of the marigold family. Succeed well in any good soil, producing a fine effect in beds or mixed borders, and blooms until frost. Height 1 foot. Hardy annual.

Mixed Varieties—A fine mixture of all the best varieties; all colors. **Pkt., 3c.**

Coleus—The most popular of all foliage plants. Easily grown from seed, but must be started in a box in the house or hot-bed as the seed is very fine and when sown is scarcely covered, yet must be kept moist. Tender annual. Mixed colors. **Pkt., 10c.**

Canna, Mixed—Flowers of large size and brilliant colors. Our mixture contains all the tall varieties and all colors. **Pkt. 5c.**

Cockscomb, Mixed—Choice mixed of all sorts and colors. **Packet, 5c.**

Eschscholtzia—Hardy annual, 1 foot. Especially valuable for growing in flower beds and masses. Sow where plants are to bloom. Bright, showy flowers and feathery foliage.

Eschscholtzia Carmine King—Bright Carmine. **Pkt., 5c.**

Eschscholtzia Golden West—Canary yellow. **Pkt., 5c.**

Eschscholtzia Mandarin—Orange and scarlet. **Pkt., 5c.**

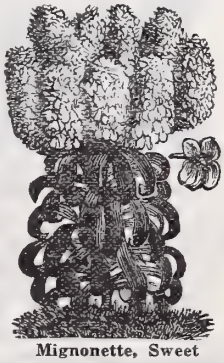
Eschscholtzia Mixed Colors—All varieties. **Pkt., 5c.**

Forget-Me-Not—A modest little flower; to friendship ever dear; color blue. **Pkt., 5c.**

Four O'Clock—A handsome, free-flowering plant. They open their blossoms about 4 o'clock in the afternoon, hence their name. Hardy annuals; mixed varieties. **Pkt., 5c.**

Gomphrena (Globe Amaranth)—Hardy annual; 2 ft. Red, clover-shaped flowers. Cut when in full bloom and dried, they retain their colors. **Mixed packet, 5c.**

Heliotrope, Fine Mixed



Mignonette, Sweet

Heliotrope—These well-known greenhouse and bedding favorites are highly esteemed for their fragrant flowers. Fine mixed, **packet, 10c.**

Mignonette—Seed of this popular annual can be sown at any time. If successions are made, these modest-colored, fragrant plants blossom outdoors until November. **Matchett Mignonette, packet, 10c; Sweet Mignonette, packet, 5c.**

Ice Plant—Pretty trailer for baskets. **Pkt., 5c.**

Job's Tears—(Coix Lachryma)—This is a curious ornamental grass, with broad leaves, similar to corn, of a light slate color. The seeds, when dry, are strung on heavy waxed shoemakers' thread, making fine necklaces, chains and bracelets, and is also good for children when teething. It is a hardy annual and grows three feet high. **Pkt., 5c.**

Larkspur, Double, Mixed—All colors, mixed. **Pkt., 5c.**

Lobelia—Neat, graceful trailing plant. **Pkt., 5c.**

Marigold Eldorado

Marigold—Old favorites of easy culture. Effective when planted in groups or in garden borders. Hardy annual.

Marigold, Tall Mixed—Flowers golden yellow. **Pkt., 5c.**

Marigold Eldorado—Double flowers of immense size. **Pkt., 5c.**

Portulaca, Fine Single Mixed—A great variety mixed. **Pkt., 5c.**

Portulaca, Double Mixed—A large proportion will come very double. **Pkt., 10c.**

Pansy—Schwill's Extra Large Flowering, Mixed

Pansy, Choice Mixed—Our own mixture. This contains a wide range of colors and markings. **Pkt., 5c.**

Pansy, Extra Large Flowering Mixed—Our mixture of the best English varieties of Pansies. **Pkt., 10c.**

Pansy, Schwill's Superb Mixed—This includes not only seeds of Giant Pansies, but also those of several new large-flowered sorts, with highly-colored blooms. **Pkt., 15c.**

Pansy, Giant Trimardeau—A beautiful class; compact growers, with enormous flowers; finest mixed. **Pkt., 10c.**

Pansy, Snow Queen, White—Large flowering, pure white variety. **Pkt., 10c.**

Pink China Double—Deeply fringed petals; mixed colors. **Pkt., 5c.**

Pink, Double Diadem—Superb large double flowers, magnificent in color and variety. **Pkt., 5c.**

Pink, Double Imperial—Brilliant colors; mixed. **Pkt., 5c.**

Pink, Double White—Showy; pure white. **Pkt., 10c.**

Pink, Heddewigii—Double Japan Pink; mixed colors. **Pkt., 5c.**

Pink, Single Grass Pink—Fragrant; single mixed. **Pkt., 5c.**

Pink, Crimson Bell—Double; brightest scarlet. **Pkt., 10c.**

Petunia, Single, Mixed

Phlox Drummondii, Fine Mixed

Petunia, Single—A splendid mixture of varieties. **Pkt., 5c.**
Petunia, Large Flowering—Mixed. **Pkt., 10c.**
Petunia, White—**Pkt., 10c.**
Phlox Drummondii, Mixed—A splendid mixture of all colors. **Pkt., 5c.**
Phlox, Mammoth Large Flowering, Mixed—The large flowering kinds are a decided improvement on the Drummondii, producing large flowers twice the size of the latter; mixed. **Pkt., 10c.**
Phlox, Fireball—Scarlet, superb when in full bloom. **Pkt., 10c.**
Phlox, Snowball—Purest white flowers. **Pkt., 10c.**
Poppy, Carnation—Double; mixed; superb; from many varieties; 2 feet. **Pkt., 5c.**
Poppy, Schwill's Superb—Grand, large double flowers, in every color; magnificent in form. **Pkt., 5c.**
Poppy, Shirley—The handsome flowers are single, beautiful in color, from pure white to deep crimson. **Pkt., 5c.**
Poppy, Peony Flowered—Enormous size; perfectly double; always admired; mixed. **Pkt., 5c.**
Burbank's Santa Rosa Shirley—A decided improvement over the regular Shirley Poppies. **Pkt., 10c.**
Double Mixed—All colors, in fine mixture. **Pkt., 5c.**
Poppy, Fine Single Mixed—A fine collection of all single varieties. **Pkt., 5c.**
Ricinus—(Castor Oil Plant)—Rapid growing plants with palm-like foliage and showy fruits. Used with decorative effect, planted singly on the lawn or in the center of a Canna or Caladium bed; 6 to 15 feet. Mixed; all the plain and fancy sorts. **Pkt., 5c.**

Salvia Scarlet Sage

Salvia—Scarlet Sage; gorgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. **Pkt., 10c.**
Salvia, Bonfire—Plants form handsome bushes about 2 feet high by 2 feet across. Flowers of a most brilliant, dazzling scarlet; one of the finest. **Pkt., 15c.**
Sensitive Plant—One of the most remarkable and interesting plants in cultivation; the leaves, when touched, instantly fold up. **Pkt., 5c.**
Stocks—Dwarf German 10 weeks. **Pkt., 5c.**
Scabiosa (Pincushion Flower, Mourning Bride)—A desirable border plant, with handsome flowers that are exceptionally fine for cutting, lasting for a long time. Hardy annual. Two feet high. **Mixed colors, pkt., 5c.**

Poppy, Santa Rosa Shirley

Sunflower, Double Tall—Huge leaves and flowers. **Pkt., 5c.**
Sunflower, Double Dwarf — Compact, double golden yellow flower. **Pkt., 5c.**
Sunflower, Globe of Gold — Excellent to grow in masses; pretty dahlia-like flowers. **Pkt., 5c.**
Thunbergia — An excellent trailing or bedding plant; very popular. **Pkt., 5c.**
Verbena, Choice Mixed — Fine colors, mixed for bedding. **Pkt., 5c.**
Verbena, Scarlet Defiance—**Pkt., 10c.**

Verbena, Extra Large Flowering, Mixed

Verbena, Mammoth Purple—**Pkt., 10c.**
Verbena, Mammoth Pink—**Pkt., 10c.**
Verbena, Mammoth White—**Pkt., 10c.**

Verbena, Extra Large Flowered—Magnificent, extra large; varieties mixed. **Pkt., 10c.**
Vinca, Perrywinkle—Pure white. **Pkt., 10c.**
Vinca, Mixed—**Pkt., 5c.**
Violet—Favorite little plants, producing delightfully fragrant flowers; popular with every one. **Pkt., 10c.**
Wallflower—Very conspicuous in beds or borders, and are very useful in making bouquets. They are deliciously fragrant. **Double mixed, Pkt., 10c. Single mixed, Pkt., 5c.**
Wild Flower Garden Annuals—**Mixed, pkt., 5c; oz., 15c.**

Zinnia, Mammoth Flowering

Scabiosa, Mourning Bride

Mammoth Flowering Mixed—**Pkt., 10c; oz., 50c.**
Zinnias—For gorgeous summer and fall display, the Zinnia is unsurpassed. The flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable. Hardy annual. 2 feet in height.

Double Crimson—**Pkt., 10c.**
Double Yellow—**Pkt., 10c.**
Double Purple—**Pkt., 10c.**
Double White—**Pkt., 10c.**
Double Orange—**Pkt., 10c.**
Double Scarlet—**Pkt., 10c.**
Double Pink—**Pkt., 10c.**
Double Violet—**Pkt., 10c.**
Double Striped—**Pkt., 10c.**
Zinnia Jacqueminot Double Blood Red—**Pkt., 10c.**
Zinnia Double Mixed—**Pkt., 5c; oz., 25c.**

Perennial Flower Seed

Hardy Perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised, and from seed is an excellent way to get up a big stock of Perennials in a short time. Many Perennials, if sown in spring, bloom the first year from seed as freely as annuals. Others wait a year; that is, if sown this year they don't bloom until next year.

Canterbury Bells

Foxglove (Digitalis)

Canterbury Bells—Campanula. Bell-shaped flowers; mixed. **Pkt., 5c.**

Coreopsis—Fine for cutting; graceful flowers. **Pkt., 5c.**

Columbine—Flowers showy and luxuriant. **Pkt., 5c.**

Dahlias—Dahlias are easily grown from seed and bloom the first season as well as if grown from roots. **Start seed early. Dahlia double mixed colors, Pkt., 10c. Dahlia single mixed colors, Pkt., 5c.**

Daisy, Double—An old favorite; hardy perennial, mixed. **Pkt., 10c.**

Daisy, Shasta—Originated with Mr. Luther Burbank, of California; flowers snowy white, with yellow center; freely produced on strong, wiry stems, about 2 feet in length. Sow early in shallow, well-enriched boxes of sandy soil in the house, keeping quite moist. Transplant to a rich, sunny location in open air as soon as ground can be worked. **Pkt., 10c.**

Foxglove (Digitalis)—One of the most striking flowers; tall, stately and handsome; of easy culture. **Pkt., 5c.**

Gaillardia—Blanket flower; fine for bouquets; mixed. **Pkt., 5c.**

Hollyhock, Double Mixed—Fine, showy, double blooms. **Pkt., 5c.**

Hollyhock, Double White—Purest white: double flowers. **Pkt., 10c.**

Hollyhock, Double Red—Finest scarlet and red. **Pkt., 10c.**

Larkspur Delphinum—New grand flowering hybrids, a mixture of all colors. **Pkt., 10c.**

Phlox, Hardy Perennial—Large and showy; mixed colors; 3 feet. **Pkt., 10c.**

Poppy, Perennial—Hardy, coming up year after year; very effective among shrubbery; mixed hybrids. **Pkt., 10c.**

Rudbeckia or Golden Glow

Rudbeckia (Cone Flower)—Grows about 2 feet high, forming a many-branched dense bush, and producing its long-stemmed flowers in greatest abundance. Disk brown; florets yellow with brown spots at the base; 3 feet. **Pkt., 10c.**

Sweet William, Single—Handsome colored flowers; mixed. **Pkt., 5c.**

Sweet William, Double—Finest double flowers. **Pkt., 10c.**

Climbers or Vines

Balsam Apple Vine

Canary Bird Vine

Balsam Apple Vine—Balsamina; curious fruits; fine climber. **Pkt., 5c.**

Balloon Vine—Quick growing climber; 15 feet. **Pkt., 5c.**

Canary Bird Vine—A beautiful, rapid climber. **Pkt., 5c.**

Cobea Scandens—Cup and Saucers Vine; a climber of rapid growth; valuable for covering trellises, arbors, trunks of trees, etc.; large, bell-shaped purple flowers. **Pkt., 5c.**

Cypress Vine—This has the most graceful and beautiful dark green feathery foliage of all the garden vines. For a neat trellis or ornamenting the trunks of young trees it is hardly excelled. Mixed colors. **Pkt., 5c.**

Gourds—Small ornamental sorts. Mixed. **Pkt., 5c.**

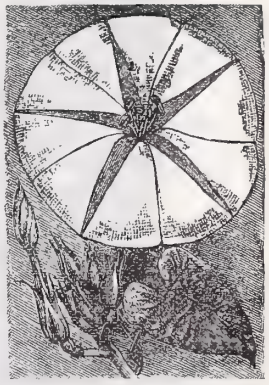
Humulus Japonicus (Japanese Hop)—Ornamental and rapid climber. The foliage is lovely green; splendid for covering verandas, trellises, etc. **Pkt., 5c.**

Hyacinth, or Jack Bean—A rapid-growing annual climber; mixed; all colors. **Pkt., 5c.**

Hyacinth Bean, Daylight—A pure white flower with some fragrance. A rapid dense climber. **Pkt., 10c.**

Kudzu Vine (Jack-and-the-Beanstalk)—For rapidity of growth this hardy vine has no equal. It will grow 8 to 10 feet from seed the first year. The leaves are large and abundant. It bears racemes of pea-shaped rosy purple flowers. **Pkt., 10c.**

Japanese Imperial Morning Glory



Moonflower, White.

Morning Glories—Undoubtedly one of the most profuse flowering vines in cultivation; choice mixed varieties. **Pkt., 5c; oz., 10c; ¼ lb., 25c.**

Japanese Imperial Morning Glories—A revelation in the size and beauty of their flowers. Sow early in good rich soil in a sunny spot in the garden, and water during dry hot weather; mixed colors. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c.**

Moonflower.

White—Its large white flowers expand in the evening and remain open until the following day. **Pkt., 10c.**

Heavenly Blue—This variety blooms in the forenoon. The flowers are azure blue with a yellow throat. **Pkt., 10c.**

Scarlet Runner Beans—A great favorite as an ornamental climber; bright scarlet sprays of pea-shaped blossoms. **Pkt., 5c.**

Wild Cucumber—This is the most rapid growing vine we know of. It will reach a height of 30 feet in one season. It is thickly dotted over with pretty, white flowers, followed by quantities of ornamental and prickly seed pods. **Pkt., 5c.**

Chas. Henderson Canna

Bulbs for Summer Flowering

The summer flowering bulbs for spring planting contained in the following list are inexpensive, very easily grown and produce some of the most showy and beautiful of all summer and autumn flowers. There are but few flowers that can compare with the noble and brilliant spikes of the Gladiolus, the grace and elegance of the Lily, the purity and sweetness of the Tuberose, the majestic foliage of the Caladium.

All Bulbs will be sent separately from Flowering or Greenhouse Plants. We cannot pack them together.

Tuberoses.

Tuberose, Double Pearl—Doz., 35c; parcel post paid. By express, doz., 25c; 100, $1.50.

Tuberose, Single Albino—Doz., 40c; parcel post paid. By express, doz., 30c; 100, $2.00.

Cannas.

A fine foliage plant; a rapid grower, producing large trusses of beautiful flowers from early summer to late in the autumn. **Price, bulbs, each, 15c; 12 for $1.00, parcel post paid. By express, at buyer's expense, each, 10c; 12 for 75c.**

Chas. Henderson—Beautiful vermilion; 4 feet.
Express—Brightest scarlet color; 2½ feet.
Betsy Ross—Soft pink; 3½ feet.
Florence Vaughan—Golden yellow, spotted red; 5 feet.
King Humbert—Orange scarlet, bronze leaf; 4 feet.
Butter Cup—Fine bright yellow; 3½ feet.

Double Dahlia

Dahlias.

The Dahlia is one of the showiest of all autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost.

Double Pink	**Double Purple**	**Double Scarlet**
Double Yellow	**Double White**	**Double Striped.**

Price, any shade, each 20c; doz., $1.75, parcel post paid. By express, each, 15c; 2 for 25c; 12 for $1.25.

Peonies.

They have become indispensable in every garden. They are all hardy and admirably suited to our Southern climate, growing in almost all situations, and even flourishing under shade trees.

Red, Pink, White—Each, 25c, parcel post paid. By express, each, 20c; doz., $2.00.

Madeira Vine.

A beautiful, rapid growing climber, bearing fragrant white flowers, very pretty and useful. Each, 10c; doz., 60c, parcel post paid.

Gladiolus Hybrid Mixed

Caladium or Elephant Ear

Mixed Gladiolus.

Hybrid, Fine Mixed—By parcel post, doz., 35c; per 100, $2.00. By express, not prepaid, doz., 25c; per 100, $1.50.

Childsii Mixed—By parcel post, doz., 50c; per 100, $2.50. By express, not prepaid, doz., 40c; per 100, $2.00.

Gladiolus in Colors—Red and Scarlet Shades; Pink Shades; Yellow Shades; Striped Shades; White and Light Shades. **Price, by parcel post, doz., 50c; 100, $3.35. By express, at buyer's expense, doz., 40c; 100, $3.00.**

Caladium Bulbs.

Caladium Esculentum—Elephant's Ears. Effective as a single plant on a lawn or in groups; also useful for decorative effect near streams or pond.

Small Bulbs—Price, by parcel post, each, 15c; doz., $1.25. By express, not prepaid, each, 10c; doz., $1.00.

Large Bulbs—Price, by parcel post, each, 25c; per doz., $2.50. By express, not prepaid, each, 20c; per doz., $2.00.

Cinnamon Vine.

Hardy climber, with dark green foliage, and late in the season, bearing a profusion of small white flowers of a delicious cinnamon fragrance. **Each, 10c; doz., $1.00, parcel post paid.**

Hardy Garden Lilies

Auratum (Gold Banded)—Flowers pure white, thickly studded with crimson spots, while through the center of each petal runs a clear gold band; possesses a most delicate fragrance; very hardy; best outdoor Lily grown. **Each 20c; 6 for $1.00, by parcel post, each 25c.**

Tigrinum, Flore Pleno (Double Tiger Lily)—Bright orange-scarlet, with dark spots; entirely hardy. **Each, 10c; doz., $1.00, parcel post paid.**

Lily-Of-The-Valley

Clumps—Fine, large clumps, with many flowering pips on each. Fine for planting outside in shaded positions and for naturalizing by the side of streams or wood walks. **Clumps, each 35c; 6 for $2.00, by parcel post, each, 45c.**

Grass, Clover and Farm Seeds

Recleaned, all very best grades, tested for purity and germination, our warehouse is equipped with the most modern machinery for cleaning and no firm in the South can furnish you seed stock as good. Don't be misled by cheap low-priced seed. They are the most expensive thing you can buy.

Prices named in this Department are subject to important market changes. Quotations are net and are not subject to premium or discount which is offered on other seeds. **Clover and Grass Seeds are constantly varying in value,** and we issue a price list daily during the busy season. Please write for quotations, sending list of requirements, when in need. Orders sent us will be given benefit of lowest prices on day order is received. Will take pleasure in mailing samples and quoting inside prices at any time on large orders. Prices named on Clover, Grass and Farm Seeds are f. o. b. Memphis, excepting where quoted by parcel post. Where seamless cotton bags are used they will be charged for extra, 20c each.

Alfalfa Clover

Alfalfa, or Lucerne Clover—The Clover of the West, and being more largely planted in the South every year. When thoroughly established can be cut three or four times a year, yielding heavily each cutting. Soil must be thoroughly prepared by deep plowing and harrowing until it is in fine condition. Sow 20 to 25 lbs. per acre, and inoculate seed with Farmogerm. Spring seedings may be made during March and April, and in the fall during September and October, on any good soil, if properly drained. **Price: 1 lb., 25c; 20 lbs., $4.50; bushel, 60 lbs., $14.00; sacks 20c extra. By parcel post: 1 lb., 35c; 20 lbs., $4.90.**

Georgia Burr Clover—An annual variety which is sown in August and September. Makes superior pasturage, fair hay, and grows on any thin land, and if turned under the following spring, acts as a splendid fertilizer. Sow 20 lbs. of burrs to the acre. **Price of seed in the burr, 1 lb., 35c; 10 lbs., $2.00. By parcel post, 1 lb., 42c; 10 lbs., $2.25. Price of hulled or cleaned seed, 1 lb., 25c; 5 lbs., $1.00; 10 lbs., $2.00. By parcel post, 1 lb., 32c; 5 lbs., $1.25; 10 lbs., $2.25.**

Crimson, or Scarlet Clover—Sow in July, August or September at rate of **15 lbs.** to the acre. Makes fine cover crop, pasturage and hay the following spring. Grows on thin soil. Inoculate seed with Farmogerm for sure catch. **Price: 1 lb., 20c; 15 lbs., $2.00; 1 bushel, 60 lbs., $7.50. By parcel post: 1 lb., 30c; 15 lbs., $2.35.**

"How and When to Plant."

Especially written for our customers; gives full instructions how to sow and plant all kinds of farm and garden seeds. Sent free with all orders. Don't fail to get a copy of same.

Melilotus, or Sweet Clover—A hardy perennial Clover, growing wild in many sections, particularly the prairie States. Flowers furnish abundant forage for bees. Builds up the soil. Sow 12½ lbs. to the acre in March and April. The white blossom is the best variety. **Price; 1 lb., 30c; 12½ lb., $2.50; bushel, 25 lb., $4.50. By parcel post: 1 lb., 40c; 12½ lbs., $2.90.**

Alsyke Clover

Alsyke Clover—The best variety for low, wet land. Makes good hay and pasture. It is of special value for sowing with timothy. On good bottom land use 8 lbs. to the acre. Sow in March and April. **Price: 1 lb., 30c; 8 lbs., $2.00; bushel, 60 lbs., $13.50. By parcel post: 1 lb., 40c; 8 lbs., $2.25; 20 lbs., $4.75.**

Mammoth, or Sapling Clover—Succeeds better on thin land than the medium Red Clover. Grows taller. Makes fine hay and pasturage. Sow in March and April, 10 lbs. to the acre. **Price: 1 lb., 35c; 10 lbs., $2.75; bushel, 60 lbs., $14.50. By parcel post: 1 lb., 45c; 10 lbs., $2.90.**

White Clover—Excellent for pasture or lawns. Succeeds on all soils. Sow any time in early spring or fall months. 5 to 6 lbs. per acre. **Price: 1 lb., 60c; 10 lbs., $5.50; bushel, 60 lbs., $30.00. By parcel post: 1 lb., 65c; 10 lbs., $5.65.**

SCHWILL'S TRIAL COLLECTION

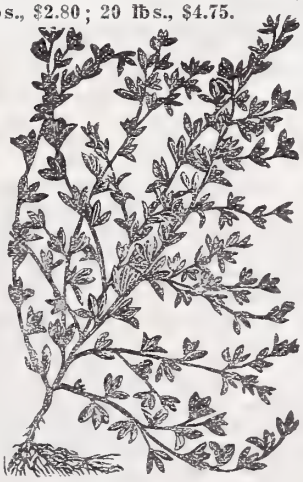
5 Packets of Seed for 10c.

Send us 10c and the names and addresses of two people who plant gardens, and we will mail you the following five packets of flower seed:

Sweet Alyssum Mixed Pansy
Sweet Mignonette Mixed Poppy
Mixed Sweet Peas

Red Clover

Red Clover—Enriches the soil and adds materially to the value of succeeding crops. Sow 10 to 15 lbs. to the acre any time during spring or fall. Makes fine hay. Suitable for most all kinds of land. Can be used in combination with most grasses, for either pasture or hay crop. **Price: 1 lb., 30c; 10 lbs., $2.50; bushel, 60 lbs., $14.00. By parcel post: 1 lb., 40c; 10 lbs., $2.80; 20 lbs., $4.75.**



Japan Clover

Japan Clover (Lespediza Striata) — To obtain a stand, disc harrow your land, then scatter seed on top, roll the field; this will cover them enough. Sow in March or April. Seed weighs 25 lbs. per bushel. Sow 20 to 25 lbs. per acre. Grows anywhere; is tenacious in any soil; lasts always; well known in the South. Sow in spring in permanent pasture by scarifying surface with a disc harrow. It may be classed among the most valuable hay and pasture plants of the Southern States. **Price: 1 lb., 25c; 20 lbs., $2.40; bushel, 25 lbs., $2.75; 5 bushels, $14.50. By parcel post: 1 lb., 35c; 20 lbs., $2.75.**

Grass Seeds.

Sudan Grass

Sudan Grass—A new forage crop of immense value. After careful tests the Department of Agriculture reports Sudan Grass should be largely sown, especially in the Central States that are deficient in rain fall. Sudan Grass is an annual, therefore, it is necessary to sow every year. Plant grows tall, seven to eight feet, stems very small and tender, stools wonderfully, makes fine hay and much relished by stock. Yields from two to four tons per acre. Sow in April in drills or broadcast, using three pounds of seed to the acre having drills three feet apart, and cultivate. If sown broadcast, 14 to 20 pounds of seed will plant an acre. Sudan Grass can be cut two or three times during the season. **Price, 1 lb., 35c; 10 lb., $2.50. By parcel post, 1 lb., 45c; 10 lb., $2.75. Large amounts quoted on application.**

Red Top, or Herds Grass—Does best on moist or wet soil, but grows well on nearly all upland soils. Where conditions are favorable, and on moist land, it will grow 4 feet high and produce sometimes 1½ tons to the acre. Sow spring or fall, and it is best to use "Fancy Cleaned" Seed, which require 8 to 10 lbs. to the acre, broadcast. **Price, 1 lb., 25c; 10 lb., $2.00; 100 lb., $16.00. By parcel post, 1 lb., 35c; 10 lb., $2.20; 20 lb., $4.30.**

Meadow Fescue (Randall Grass)—An excellent pasture grass; early, nutritious and thrives well on all good soils. Sow 30 lbs., to the acre in early spring or fall. **Price, 1 lb., 25c; 10 lb., $1.75; 100 lb., $12.50. By parcel post, 1 lb., 35c; 10 lb., $1.90; 20 lb., $3.35.**

English Perennial Rye Grass—It succeeds in almost any soil. Sown broadcast in the fall, produces fine winter pasture or beautiful green lawn; 30 to 40 lbs. will sow an acre; 1 lb., will sow 20x20 or 400 square feet. **Price, 1 lb., 15c; 10 lb., $1.25; 100 lb., $9.00. By parcel post, 1 lb., 25c, 10 lb., $1.50; 20 lb., $3.00.**

Italian Rye Grass—Especially recommended for pasture mixtures. Sow 40 lbs. to the acre in spring or fall. **Price, 1 lb., 15c; 10 lb., $1.25; 100 lb., $9.50. By parcel post, 1 lb., 25c; 10 lb., $1.40; 20 lb., $2.40.**

Tall Meadow Oat Grass—A most valuable grass. Does well on any soil, but of special value on clay land. Grows 3 to 4 feet high; very desirable for meadow. Sow 30 lbs. per acre, any time in the early spring or fall. **Price, 1 lb., 25c; 10 lb., $2.00; 100 lb., $18.50. By parcel post, 1 lb., 35c; 10 lb., $2.15; 20 lb., $4.25.**

Barwell's English Lawn Grass—Stands sun or shade, produces an elegant green lawn the first season. Sow in February, March and September; 1 lb. will plant 15x15 or 225 square feet. **Price, 1 lb., 35c; 5 lb., $1.50; 20 lb., $5.00. By parcel post, 1 lb., 40c; 5 lb., $1.65; 20 lb., $5.30.**

Emerald Lawn Grass—Produces a thick velvety lawn. Sow in February and March, also in the fall, 2 to 3 bushels per acre; 1 lb. will sow 20x20 feet. **Price, 1 lb., 30c; 5 lb., $1.25; 20 lb., $4.50. By parcel post, 1 lb., 35c; 5 lb., $1.40; 20 lb., $4.75.**

Shady Spot Lawn Grass—A mixture of finest grasses especially suited for shady locations, prefectly evergreen. **Price, 1 lb., 35c; 5 lb., $1.50; 10 lb., $2.85. By parcel post, 1 lb., 45c; 5 lb., $1.65; 10 lb., $3.10.**

Permanent Pasture Grass Mixture—Furnishes pasture all the season from early spring through the winter. Suitable for most all soils. Sow in early spring or fall, using 1½ bushels to the acre. **Price, 1 lb., 20c; 14 lb., 1 bushel, $2.50; 5 bushels, $11.50. By parcel post, 1 lb., 30c; 14 lb., $2.90.**

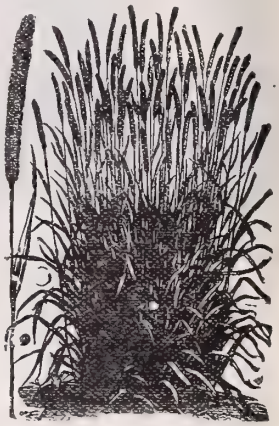
Permanent Meadow Grass Mixture—A special mixture for a lasting hay crop. A combination of all the best cultivated grasses that will furnish hay all during the spring and summer months. Sow in spring or fall, using 1½ bushels to the acre. **Price, 1 lb., 20c; 14 lb., 1 bushel, $2.50; 5 bushels, $11.50. By parcel post, 1 lb., 30c; 14 lb., $2.90.**

Permanent Hog Pasture Mixture—A combination of mixed clover and best grass suitable for hog pasturage, and if taken care of will last a number of years. Composed largely of red clover and orchard grass. Sow in early spring or fall, at rate of 1 bushel to the acre. **Price, 1 lb., 20c; 14 lb., 1 bushel, $2.75; 5 bushels, $12.75. By parcel post, 1 lb., 30c; 14 lb., $3.15.**

Chicken Pasture Mixture—A splendid mixture of grains, clover and grasses for green feed for chicken runs. Sow in February, March and September at the rate of 30 lbs. to the acre. **Price, 1 lb., 15c; 10 lb., $1.25; 30 lb., $3.00. By parcel post, 1 lb., 25c; 10 lb., $1.50; 20 lb., $2.50.**

Timothy and Alsyke Mixed—Suitable mixture for low wet lands, furnishing good pasture and hay. Sow in early spring and fall, using 15 lbs. of the mixed seed per acre. **Price, 1 lb., 25c; 15 lb., $3.00; 100 lb., $15.00. By parcel post, 1 lb., 35c; 15 lb., $3.30.**

Orchard Grass



Timothy

Orchard Grass—One of the best of the cultivated grasses. Fine for pasturage and hay. Succeeds well on any good soil, even uplands. Sow broadcast in early spring or fall months, using 1½ bushels per acre. **Price, 1 lb., 30c; 14 lb., 1 bushel, $2.75; 5 bushels, $13.00. By parcel post, 1 lb., 40c; 14 lb., $3.10.**

Timothy—Suitable for any rich bottom or uplands; makes fine hay. Sow in March or April, also September and October, using 15 lbs. or ⅓ bushel to the acre. **Price, 1 lb., 15c; 15 lb., $1.75; 45 lb., 1 bushel, $4.75. By parcel post, 1 lb., 25c; 15 lb., $2.00.**

Bermuda Grass—Valuable as a pasture or hay crop. Fine for lawns. No grass stands dry weather as well. Five to six lbs. will sow an acre. Should be planted in the spring, but can also be sown later. Under the most favorable circumstances it takes from 20 to 30 days to sprout; requires damp weather and hot sun, but when once up grows very rapidly. **Price, 1 lb., 50c; 5 lb., $2.25; 20 lb., $8.00. By parcel post, 1 lb., 60c; 5 lb., $2.40; 20 lb., $8.35.**

Kentucky Blue Grass—Grows well on any good land, in shaded locality, woods lot or where even partially shaded under trees, etc. Sow in early spring or fall, using 2 to 3 bushels of seed to the acre broadcast. Well adapted for lawns. Pound will sow 20x25 feet. **Price, 1 lb., 25c; 5 lb., 90c; 14 lb., 1 bushel, $2.25. By parcel post, 1 lb., 30c; 5 lb., $1.00; 14 lb., $2.50.**

Canada Blue Grass—A little coarser, but more hardy than the Kentucky Blue. Sow 30 lbs. to the acre any time in spring or fall. **Price, 1 lb., 25c; 5 lb., 90c; 14 lb., 1 bushel, $2.00. By parcel post, 1 lb., 30c; 5 lb., $1.00; 14 lb., $2.25.**

All quotations on Grass Seed are subject to market changes. Special quotations will be given at any time. State what quantity you wish.

Sorghum or Sugar Cane, Etc.

Sow broadcast for hay or roughness 1 bushel or 50 lbs. per acre; for sorghum or grain, ½ peck per acre, any time from April to August.

Japanese Honey Sorghum—Big yielder; fine quality; superior to ordinary kind. **Price, 1 lb., 25c; ½ pk., 75c; pk., $1.25; bu., $4.00. By parcel post, 1 lb., 35c; ½ pk., $1.00; pk., $1.60.**

Texas Seeded Ribbon Cane—Very superior, productive and quality almost equal to the Louisiana cane. **Price, 1 lb., 25c; ½ pk., 75c; pk., $1.25; bu., $4.00. By parcel post, 1 lb., 35c; ½ pk., $1.00; pk., $1.60.**

Early Amber Sorghum—Price, 1 lb., 10c; ½ pk., 40c; pk., 50c; bu., $1.25. By parcel post, 1 lb., 20c; ½ pk., 60c pk., 85c.

Early Orange Sorghum—Price, 1 lb., 10c; ½ pk., 40c; pk., 60c; bu., $1.50. By parcel post, 1 lb., 20c; ½ pk., 60c; pk., 95c.

Red Top or Sumac Sorghum—Price, 1 lb., 10c; ½ pk., 50c; pk., 75c; bu., $1.50. By parcel post, 1 lb., 20c; ½ pk., 70c; pk., $1.10.

Cow Peas.

Equal to clover as a soil fertilizer. Green crops plowed under are one of the cheapest methods of enriching the soil. Cow Peas are invaluable for this purpose, as well as providing a large amount of hay. They should be sown in May or June at the rate of 2 bushels to the acre.

We can supply in season any of the following varieties:

Whippoorwill or Speckled—The earliest bunch variety.

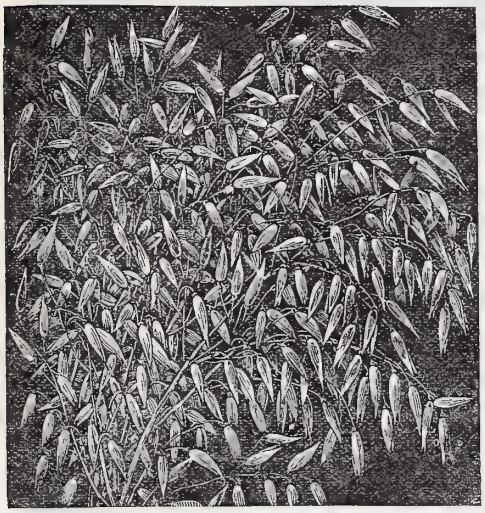
New Era—Extra early bushy habit.

Clay—Vine variety, fine for hay.

Black—Makes most vine; good for poor land.

Price, uniform, as follows: 1 qt., 20c; pk., 75c; bu., $2.25; subject to market changes. By parcel post, qt., 35c; pk., $1.15.

Market prices on Cow Peas change often. Write for prices on large quantities when ready to buy.



Early Burt or 90-day Oats

Japanese Honey Sorghum

Mammoth Yellow Soy Beans

Oats.

Sow two bushels of any following varieties to the acre. Plant February or March. Apply nitrate of soda, 100 lbs. to the acre, early in April. It will increase your crop.

Early Burt or May Oats—Very early; good for thin land; the best spring oat. **Price bu., 80c; 10 bu., $7.25. By parcel post, in limit of 2nd zone, 1 bu., $1.30.**

Texas Red Rust Proof Oats—Does well on any good land; very productive. **Price, bu., 75c; 10 bu., $7.00. By parcel post, in limit of 1st and 2nd zones, 1 bu., $1.25.**

Genuine Appler Oats—Very hardy, rust proof, very heavy grain. **Price, 1 bu., 90c; 10 bu., $8.50. By parcel post, in limit of 1st and 2nd zones, 1 bu., $1.40.**

Speltz or Emmer—Sow in March, 1 bushel to the acre, broadcast. **Price, 1 lb., 10c; pk., 60c; bu., 40 lb., $1.75. By parcel post, 1 lb., 20c; pk., 10 lb., $1.00.**

Japanese Buckwheat—Sow in April, May and June, 1 bushel broadcast, to the acre. **Price, 1 lb., 10c; pk., 60c; bu., 50 lb., $2.25. By parcel post, 1 lb., 20c; pk., $1.00.**

Silver Hull Buckwheat—Splendid for bees, also makes best grain. Sow in June, 1 bushel, broadcast, to the acre. **Price, 1 lb., 10c; pk., 60c; bu., 50 lb., $2.25. By parcel post, 1 lb., 20c; pk., $1.00.**

Mammoth Yellow Soy Beans—Makes good hay, also pasture; valuable soil renovator. Sow in May, June and July, one peck to the acre, in drills; if broadcast, use one bushel to the acre. **By freight, not prepaid, qt., 20c; ½ pk., 50c; pk., 75c; bu., $2.25. By parcel post, qt., 30c; ½ pk., 75c; pk., $1.25.**

The Early Bird Velvet Bean

The most valuable of all Velvet Beans, on account of the extreme earliness. Vines and beans worth double Cow Peas. They can be planted after oats in May and will mature in time for fall grain planting, a quick September grazer or for turning under for soil manuring. This new variety is ten days earlier than the Yokahomas, having been planted April 20th and crop matured September 20th. Decidedly the most prolific and earliest variety of Velvet Beans yet introduced. Plant in rows 3 feet apart, dropping two beans every twelve inches. Requires 1 peck to the acre. They can be planted in the corn for pasturage and fertilizer. Supply of seed limited, so order early. **Price, 1 qt., 30c; 4 qts., 80c; pk., $1.40, parcel post paid. By freight, at buyer's expense, 1 qt., 20c; 4 qts., 60c; pk., $1.00; bu., 60 lbs., $3.50.**

SCHWILL'S BANNER COLLECTION.

Twelve packets of best garden seed for only 25c; postage paid. One packet each of the following varieties:

Beet, Blood Turnip	Melon, Rattlesnake
Cabbage, Wakefield	Mustard, Southern Curled
Cabbage, Flat Dutch	Radish, Scarlet Turnip
Collard, Southern	Squash, Early White Bush
Cucumber, Long Green	Tomato, Early Acme
Lettuce, White Cabbagehead	Turnip, Purple Top Flat

SCHWILL'S STAR COLLECTION OF FLOWER SEEDS

Twelve Papers Assorted Flower Seeds for Only 25 Cents, Postage Paid. We will send postage paid, to any address one paper each of the following Flower Seed upon receipt of price:

Asters, China Mixed	Pansy, Mixed	Pink, China, Mixed
Sweet Alyssum	Poppy, Mixed	Phlox, Mixed
Nasturtium, Dwarf	Cypress Vine, Mixed	Sweet Peas, Mixed
Mignonette, Sweet	Petunia, Single Mixed	Verbena, Mixed

Tenn. Big German Millet

Millet.

It can be sown any time from the middle of April up to the middle or end of July, and makes a valuable catch crop. Use 1 to 2 bushels, broadcast, to the acre. Seamless grain bags, 20c each extra.

Tennessee German Millet—The best variety; grows tall and makes big yield. **Price, 1 lb., 10c; pk., 75c; bu. of 50 lb., $2.50. By parcel post, 1 lb., 20c; pk., 12½ lb., $1.10.**

Western German Millet—**1 lb., 10c; pk., 70c; bu., of 50 lb., $2.25. By parcel post, 1 lb., 20c; pk., 12½ lb., $1.00.**

Hungarian Millet—**1 lb., 10c; pk., 70c; bu., 48 lb., $2.25. By parcel post, 1 lb., 20c; pk., 12 lb., $1.00.**

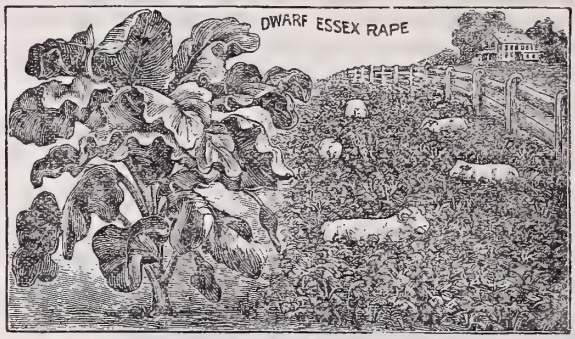
Pearl or Cat-Tail Millet—Sow in April, 5 lbs. to the acre, in drills. Can be cut three times; fine for dairy cows. **Price, 1 lb., 25c; 5 lb., 75c; 10 lb., $1.25; 100 lb., $10.00. By parcel post, 1 lb., 35c; 5 lb., 90c; 10 lb., $1.60.**

Feterita.

Feterita—Feterita is an early-maturing sorghum of considerable promise both for grain and forage. It has rather slender stems 5 to 7 feet high, which are semi-juicy and slightly sweet before ripening and only fairly leafy. The stems are of irregular height, owing to its stooling and branching habit, which also results in some unevenness in maturity. It resembles milo in habit except that the heads grow erect and seeds are larger and softer as well as bluish white. The seed tends to shatter if allowed to stand in the field until overripe. It is a week earlier than Dwarf Milo and about three weeks earlier than Blackhull Kafir. In drought resistance it compares favorably with any sorghum. Yields of 30 to 50 bushels per acre may be expected. Feterita should be planted in April, May or June in rows about 42 to 48 inches apart, when 1 to 3 pounds of seed per acre will be required. **Price, 1 lb., 15c; 10 lb., 75c; 50 lb., $3.00. By parcel post, 1 lb., 20c; 10 lb., 95c.**

Teosinte—A valuable continuous cutting forage plant for Southern States. Sow in May or June in drills 2½ to 4 feet; **2 to 3 lbs. per acre. Price, 1 lb., 75c; 5 lb., $3.50. By parcel post, ¼ lb., 35c; 1 lb., 85c; 5 lb., $3.70.**

Artichoke, Jerusalem—Excellent for fattening hogs. Plant in rows 4 feet wide, any time in March and April, droping the tubes 18 inches apart in the row; immensely productive; 3 bushels will plant an acre. **Price, 1 lb., 15c; pk., 75c; bu., 50 lb., $2.00; 3 bu., $5.50. By parcel post, 1 lb., 25c; pk., $1.10.**



Dwarf Essex Rape

Dwarf Essex Rape—This is an ideal sheep feed, easily grown; perfectly hardy and possesses remarkable fattening properties. Any corn soil will grow Rape. Sow the seed any time in March and by the end of June, and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After oats are cut the Rape grows rapidly. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 6 lbs., and if in drills 2 lbs. to the acre. **Price, 1 lb., 15c; 10 lb., $1.25; 50 lb., $5.00. By parcel post, 1 lb., 25c; 10 lb., $1.60; 20 lb., $2.90.**

Chinese Velvet Beans.

One of the most desirable varieties. Not as early as 100-Day Speckled, but makes better vine and stock prefer it to the other kinds of Velvet Beans. Easily grown, matures medium and affords excellent pasturage for all kinds of cattle. Sow one peck to the acre. **Price, qt., 30c; 4 qts., 85c; pk., $1.60, parcel post paid. By freight, at buyer's expense, 4 qts., 75c; pk., $1.35; bu., $4.50.**

Nitragin

Insure your seed. To get a good catch and a good stand, use **Nitragin**, the granular or dry form of bacteria. The simplest and safest form of soil inoculation for all legumes.

Remember **Nitragin** supplies all the necessary germs or bacteria that nature demands in growing legumes. This wonderful preparation is now endorsed by well known agricultural experts, state experimental stations, etc.

A green manure crop legume that has been inoculated with **Nitragin Pure Culture** provides a richer humus in far greater volume than does a non-inoculated one. To those farmers that have never used any bacteria or soil inoculating cultures, don't delay, get busy, and send for complete booklet on the new granular **Pure Culture Bacteria.** We have it for the following legumes. Order by number as below:

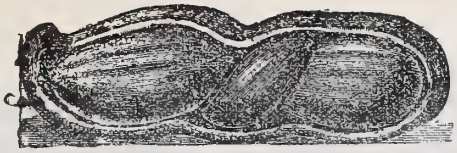
No. 1, Alfalfa.	No. 12, Garden Peas
No. 2, Sweet Clover.	No. 14, Cow Peas.
No. 3, Red Clover.	No. 16, Garden Beans.
No. 4, Crimson Clover.	No. 19, Velvet Beans.
No. 5, Alsike Clover.	No. 20, Soy Beans.
No. 10, Mammoth Clover.	No. 23, Winter Vetch.

Above supplied at the following prices:

½ acre, Garden Size ..... $1.00 per can
1 acre can ..... 2.00 per can
5 acre can ..... 9.00 per can

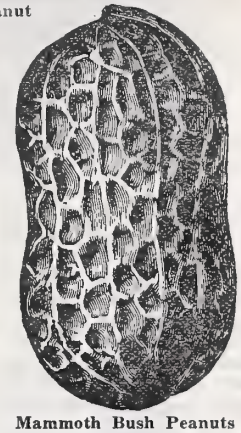
Parcel post, 10c per can extra.

Do not order Nitragin for any non-leguminous crop, such as Corn, Oats, Cotton, Potatoes, etc., and don't forget to send for that booklet on Nitragin. It will be well worth your trouble.



Tenn. Long Red Peanut

Spanish Peanuts.



Mammoth Bush Peanuts

Peanuts.

Plant in May and June, in 3 foot rows, dropping seed 12 inches apart; 1½ bushels of unhulled nuts will plant one acre. Merely break hulls in half, they do not need to be shelled before planting.

Spanish Peanuts—Nuts small, very productive, fine for hogs. **Price, 1 lb., 15c; 10 lb., 85c; 1 bu., 22 lb., $1.25. By parcel post, 1 lb., 20c; 10 lb., $1.10; 20 lb., $1.75.**

Tennessee Mammoth Long Red—Easily cultivated; erect, bushy habit; productive. **Price, 1 lb., 20c; 10 lb., $1.50; bu., 22 lb., $2.25. By parcel post, 1 lb., 30c; 10 lb., $1.80; 20 lb., $2.70.**

Mammoth White Virginia—Large size pods; best variety for commercial use. **Price, 1 lb., 20c; 10 lb., $1.50; bu., 22 lb., $2.00. By parcel post, 1 lb., 30c; 10 lb., $1.80; 20 lb., $2.50.**

Mammoth Bush Peanuts—Extra large jumbo pods and nuts; one dozen nuts will produce a bushel; quite a novel variety. **Price, 1 lb., 50c; 3 lb., $1.25; 5 lb., $2.00. By parcel post, 1 Pkt., 15c; ¼ lb., 30c; 1 lb., 60c; 3 lb., $1.45.**

Miscellaneous Forage Plants.

Sow all of these in April and May, 10 lbs. of seed to the acre, in drill, and one bushel to the acre broadcast, excepting where stated otherwise.

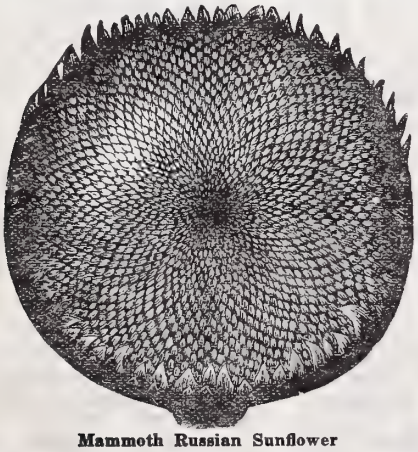
Yellow Milo Maize—Price, 1 lb., 15c; 10 lb., 75c; bu., 50 lb., $1.75. By parcel post, 1 lb., 25c; 10 lb., $1.05.

White Kaffir Corn—Price, 1 lb., 10c; 10 lb., 60c; bu., 50 lb., $1.50. By parcel post, 1 lb., 20c; 10 lb., $1.00.

Red Kaffir Corn—Price, 1 lb., 10c; 10 lb., 65c; bu., 50 lb., $1.50. By parcel post, 1 lb., 20c; 10 lb., $1.00.

Dwarf Straight Neck Milo Maize—Price, 1 lb., 20c; 10 lb., $1.00; bu., 50 lb., $2.50. By parcel post, 1 lb., 30c; 10 lb., $1.35.

Shallu or Egyptian Wheat—Price, 1 lb., 20c; 10 lb., $1.00; bu., 50 lb., $3.00. By parcel post, 1 lb., 30c; 10 lb., $1.35.



Mammoth Russian Sunflower

Russian Sunflower—Plant in March, April and May, 6 lbs. of seed to the acre, making rows 3½ feet apart, dropping two seeds every 18 inches; cultivate like corn. **Price, 1 lb., 15c; 6 lb., 60c; 50 lb., $4.00. By parcel post, 1 lb., 30c; 6 lb., 85c; 20 lb., $2.25.**

Chufas or Earth Almonds

Chufas or Earth Almonds—Used to fatten hogs. Plant in April and May in rows 3 feet apart, and 8 to 10 inches apart in the row. Soak seed in warm water before planting; 1 peck is sufficient for one acre. **Price, 1 lb., 20c; pk., $1.25; bu., 44 lb., $4.50. By parcel post, 1 lb., 30c; pk., 11 lb., $1.60.**

Spring Vetch—Sown with oats makes fine crop. Use 1 peck Vetch and 1 bushel Oats to an acre; plant in February and March. **Price, 1 lb., 15c; pk., $1.25; bu., 50 lb., $4.50. By parcel post, 1 lb., 25c; pk., $1.60.**

Sand or Hairy Vetch—Usually sown in the fall with oats or rye, 1 peck to the acre. **Price, 1 lb., 25c; pk., $2.75; bu., $11.00. By parcel post, 1 lb., 35c; pk., $3.10.**

Canada Field Peas—Sown with oats in February and March, will make early hay crop. Use 1 bushel of the peas and 1½ bushel of oats for an acre. **Price, 1 lb., 10c; pk., $1.00; bu., 60 lb., $3.50; 3 bu., $10.00. By parcel post, 1 lb., 20c; pk., $1.50.**

Beardless Barley—Sow for hay or grain in February and March, 1 bushel to the acre. **Price, 1 lb., 10c; pk., 60c; bu., 48 lb., $2.25. By parcel post, 1 lb., 20c; pk., $1.00.**

Early Wonder Spring Wheat—Sow for hay or grain in February and March, 1 bushel to the acre. **Price, 1 lb., 10c; pk., 75c; bu., 60 lb., $2.25. By parcel post, 1 lb., 20c; pk., $1.20.**

Upland Rice—Sow in March and April, 1 peck to the acre. **Price, 1 lb., 15c; pk., $1.25; bu., 44 lb., $4.00. By parcel post, 1 lb., 25c; pk., $1.60.**

Broom Corn, Missouri Evergreen—Sow in March and April, ½ peck in drills, will plant one acre. **Price, 1 lb., 10c; ½ pk., 50c; pk., 75c; bu., $2.25. By parcel post, 1 lb., 20c; ½ pk., 70c; pk., $1.10.**

Broom Corn, Oklahoma Dwarf—Sow in March and April, ½ peck, in drills, will plant an acre. **Price, 1 lb., 10c; ½ pk., 60c; pk., $1.00; bu., $2.50. By parcel post, 1 lb., 20c; ½ pk., 80c; pk., $1.35.**

Castor Beans—Plant like corn in March and April; use ½ peck of seed to the acre, in rows 4 feet apart; thin plants to 24 inches. **Price, 1 lb., 25c; ½ pk., 50c; pk., 75c; bu., $2.25. By parcel post, 1 lb., 35c; ½ pk., 75c; pk., $1.25.**

White Table Peas.

Large White Blackeyed—Price, qt., 25c; 4 qts., 75c; pk., $1.25; bu., $4.50. By parcel post, qt., 35c; 4 qts., $1.00; pk., $1.65.

White Lady Peas—Price, qt., 25c; 4 qts., 75c; pk., $1.25; bu., $5.00. By parcel post, qt., 40c; 4 qts., $1.00; pk., $1.65.

White Brown Eyed—Price, qt., 25c; 4 qts., 60c; pk., $1.00; bu., $3.00. By parcel post, qt., 35c; 4 qts., 85c; pk., $1.40.

Sugar or White Crowder Peas.

Price, qt., 30c; 4 qts., $1.00; pk., $1.50; bu., $5.50. By parcel post, qt., 40c; 4 qts., $1.25; pk., $2.00.

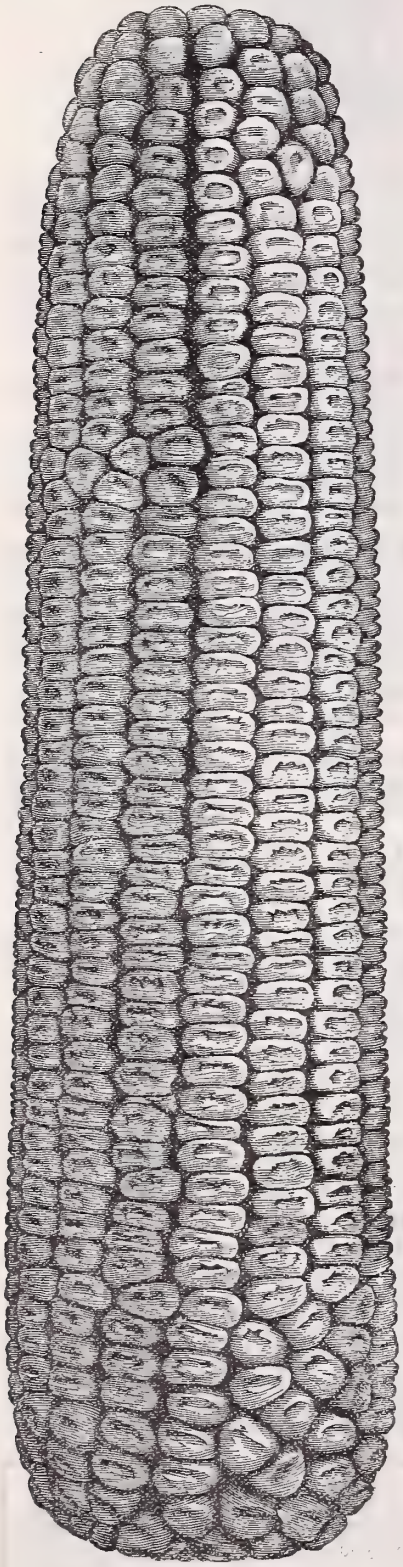
White Navy Beans

Planted in June or July usually make a very profitable crop to grow as shelled white beans for market. Planted in rows three feet apart, dropping two or three beans together a foot apart in the rows. Cultivate early, as they grow rapidly, but do not work them while the dew is on the foliage. Do not cultivate after they begin to blossom. **Qt. 35c; 4 qts., $1.00; pk., $1.50; bu., $5.50. By parcel post, qt., 45c; 4 qts., $1.25.**

All quotations on Grass Seeds are subject to market changes. Special quotations will be given at any time. State what quantity you wish.

Pedigreed Seed Corn

There is no crop of such importance to the farmer as the corn crop, none in which the comparative cost of good seed is so little per acre. Recent experiments prove conclusively that a pure bred corn will yield from five to ten bushels more per acre than the corn ordinarily planted. We have taken great pains to procure choice seed stock from our growers, which we offer at reasonable prices.



Schwill's Cash Corn

Schwill's Cash Corn—This splendid new corn comes from one of our Mississippi friends in Lafayette county, and is highly recommended. A thoroughbred variety of field corn, making the very best meal in the world. Maturing early, it can be planted as late as June 30, and will mature a full crop. Stalks grow stocky and of medium height; does not stool like other prolific varieties, and produces from two to four medium sized ears each. Cash Corn is the best early prolific field corn that we have ever tried. Order early; seed stock limited. **Qt., 40c; 4 qts., 85c; pk., $1.50, parcel post paid. By express or freight, not prepaid, 4 qts., 60c; pk., $1.00; bu., $3.00.**

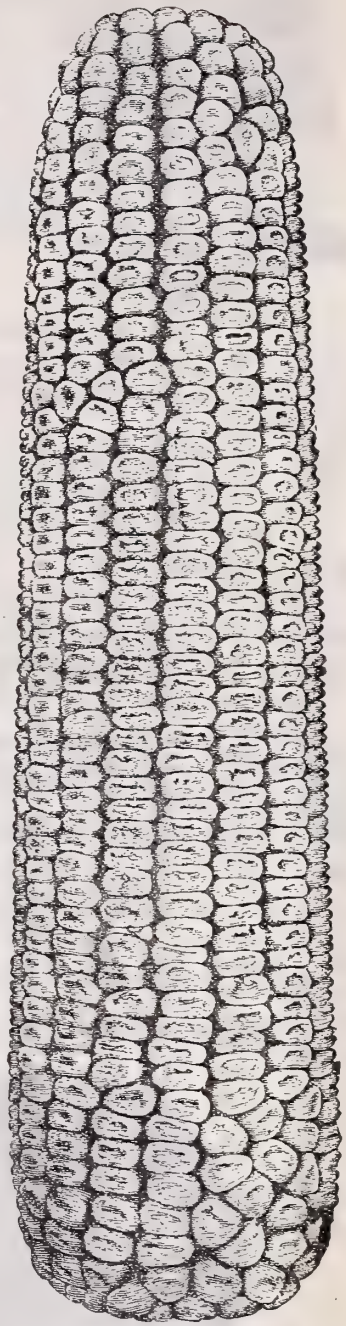
Tait's White Dent—A pure white early corn, bearing two good ears to the stalk, maturing in 90 to 100 days. The cobs are unusually small for the size of the corn. The ears are medium sized, 14-rowed, and can be planted much thicker than a large corn and yet bear full-sized ears. Plant it for early crop as it makes before summer drouths. **Qt., 35c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.50.**

Seay's Mexomer June—The corn of quality and quantity. Superior to the ordinary type of Mexican June Corn. Seay's Mexomer Corn is universally adapted to all soils and climatic conditions. The grain is a beautiful snowflake white, with grains soft and of fine texture; grows successfully with only half normal rainfall. The heavy root system makes it resistant to hot, dry weather. It is very prolific, bearing 2 to 3 ears to the stalk. Can be planted early as well as late. Will mature in 80 to 90 days. **Qt., 50c; 4 qts., $1.00; pk., $1.75, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., $1.25; bu., $3.50.**

Mosby's Prolific—This is a Southern corn, and is recommended for general crop. It is purely white, small cob, deep full grain, neither too hard nor too soft, and stands crowding in the drill as close again as any other kind. Ears of medium size, but long. Our stock is extra select and pure this season. **Qt., 35c; 4 qts., 75c; pk., $1.10, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 65c; bu., $1.75.**

Watson's Improved—Similar to North Carolina Prolific, but considerably larger; pure white ears, always sound and produces two to four ears on a stalk. **Qt., 40c; 4 qts., 85c; pk., $1.50; parcel post paid. By freight, not prepaid, 4 qts., 60c; pk., $1.00; bu., $2.50.**

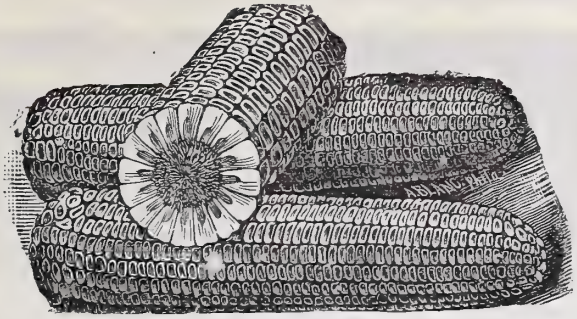
Schwill's Early Surprise—A good, early white field corn. Planted about the middle of March, it will mature about the 1st of July. Early Surprise is the variety to plant if you want to be sure of a crop maturing before the drouth comes in August. Ears of good average size. **Qt., 35c; 4 qts., 70c; pk., $1.15, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.25.**



Tait's White Dent Corn

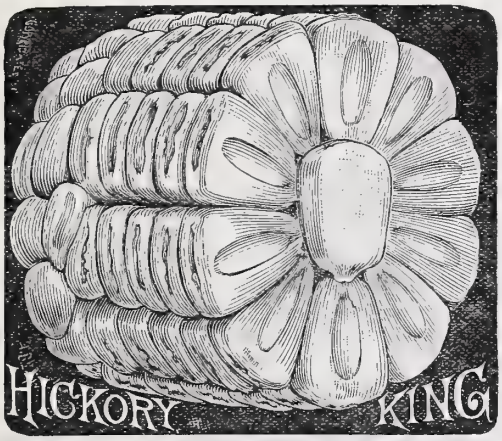
SPECIAL NOTICE.

All prices in this Catalogue are subject to change following the fluctuations of the market. Few changes, however, are to be expected. We will hold all quotations as long as possible.



Schwill's Prize Medal Corn

Schwill's Prize Medal—Very long, broad, deep white grains, with immense ears. On good land will make 60 to 75 bushels to the acre. A Southern variety; a vigorous rank grower, and on account of the size of ears and grain will win prize anywhere. **Qt., 35c; 4 qts., 85c; pk., $1.50, parcel post paid. By freight, not prepaid, 4 qts., 60c; pk., $1.00; bu., $3.00.**



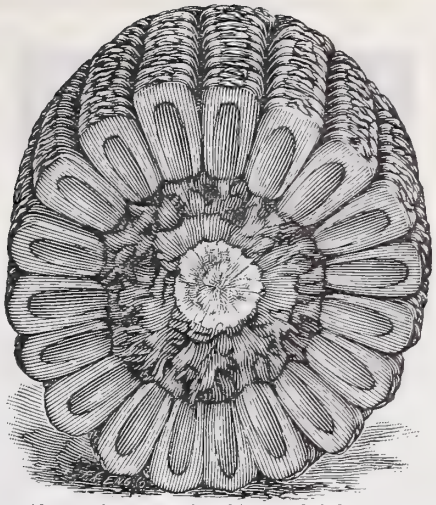
Hickory King—100 days. The cob is so small and the grain is so large that when an ear is broken in half one grain will cover the entire end of cob. Nearly all of the stalks bear two ears, and we consider it one of the best white corns grown. Does well on thin land. It ripens in from 100 to 110 days from time of planting. **Qt., 35c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.25.**

Vardaman's Stooling Corn—Vardaman's Stooling Corn is a cross of Mosby's and North Carolina Prolific, and resembles the former variety; a pure white corn with good size ears that will produce from two to ten ears on every hill, depending on the land. The average yield of this splendid corn for the last three years was 94 bushels per acre. The suckers on this corn produce corn for three or four weeks later than the main stalks, which in case of drouth, extends the fruiting season three weeks longer than any other corn. Plant in rows 3 feet apart and 18 inches apart in the row, leaving two stalks to each hill. **Qt., 40c; 4 qts., 75c; pk., $1.50, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., $1.00; bu., $3.00.**

Mexican June—This is a valuable addition to our large and selected list of field corn, best adapted for the South, has been thoroughly tested in the past and has proven all that was claimed for it. It is a strong, robust grower, sending the roots deep into the soil. Stands heat and drouth well. Ears large, small grain and well covered with shucks. Should be planted in succession from middle of April to end of July. **Qt., 35c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.25.**

Tennessee Red Cob White—A large-eared, red cob corn; grain deep and large; a fine Southern-grown variety. **By parcel post, qt., 30c; 4 qts., 65c; pk., $1.20. By freight, not prepaid, 4 qts., 40c; pk., 70c; bu., $2.25.**

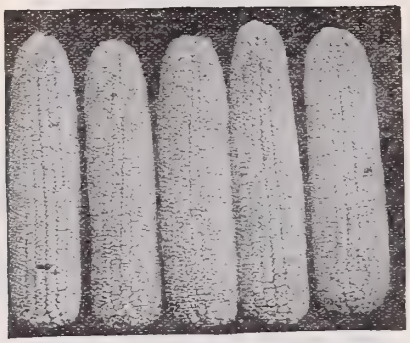
North Carolina White Prolific—A fine variety of white field corn. It is very hardy and can be planted very early, as well as late. **By parcel post, qt., 30c; 4 qts., 75c; pk., $1.25. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.25.**



Shaw's Gourd Seed, White, Red Cob Corn

Shaw's Gourd Seed, White, Red Cob—One of the best all-round white sorts, producing largest crops of finest quality corn. The ears average about 10 inches in length, of uniform size, and good depth of grain; on red cobs, well filled. The gains are pure white, solid, producing the finest milling white corn. The yield of this superior corn is very large, sometimes as much as 80 bushels per acre. **Qt., 35c; 4 qts., 75c; pk., $1.50, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., $1.00; bu., $3.00.**

New Brazilian or Stooling Flour Corn—This corn, as the name indicates, is inclined to stool, and one grain will produce, in many instances, more than one stalk. Each stalk bears two or three ears, five to seven inches in circumference, nine to twelve inches in length and beautifully white. It produces an abundance of fodder, and is the best variety for ensilage. It yields 30 to 50 bushels of corn per acre, and the ears are fine for roasting although not sweet. It does not require a very rich soil and therefore the best variety for poor soils. The kernel contains more starch than any other corn, and ground and bolted by the same process as wheat, gives a fine flour that will make bread, biscuits, etc., the same as the wheat flour. **Qt., 50c; 4 qts., 95c; pk., $1.75, parcel post paid. By freight, not prepaid, 4 qts., 70c; pk., $1.25; bu., $4.50.**



Golden Surprise Corn

Golden Surprise—This is one of the finest varieties of Yellow Corn we have ever seen for general purposes.

The stalks are medium height, bearing one and two nice growth ears 9 to 11 inches long. Color rich golden yellow, shading lighter at the tip; grains very solid, exceedingly long, and 16 to 18 rows on the cob. Matures in 100 days. **Qt., 40c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.50.**

Champion White Pearl—A thoroughbred, pure 90-day white corn, long ear and heavy yielder. **Qt., 30c; 4 qts., 60c; pk., $1.10, parcel post paid. By freight, not prepaid, 4 qts., 35c; pk., 60c; bu., $2.00.**

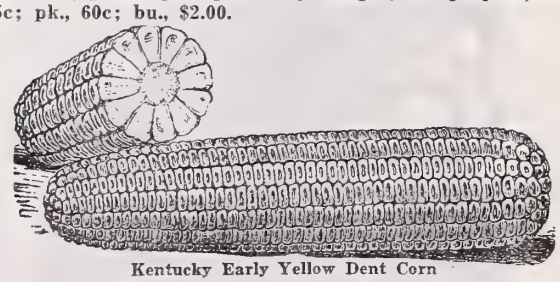
Clark County Champion—A fine early white corn; quite a favorite with our growers. **Qt., 35c; 4 qts., 65c; pk., $1.20, parcel post paid. By freight, not prepaid, 4 qts., 40c; pk., 70c; bu., $2.25.**

Iowa Silver Mine—A heavy yielding, large white corn; matures in about 90 days. **Qt., 30c; 4 qts., 60c; pk., $1.10, parcel post paid. By freight, not prepaid, 4 qts., 35c; pk., 60c; bu., $2.00.**

Australian White Flint Corn—The greatest of all flint varieties. It is especially adapted for thin lands. The earliest in maturing. Ears are of unusual length, 12 to 15 inches, smooth and symmetrical in shape, and of a flinty white color. Stalks have three to four ears each. A most desirable variety. **Qt., 40c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.75.**

Schwill's Ninety-Day Early White Corn—One of the earliest. Planted on or about March 20, it will be ready to gather by July 1. **Qt., 30c; 4 qts., 60c; pk., $1.10, parcel post paid. By freight, not prepaid, 4 qts., 35c; pk., 60c; bu., $2.00.**

St. Charles White Red Cob—Makes good stout stalk, medium height, ears eight inches, pure white grain on medium red cob, a desirable corn for the South. **Qt., 30c; 4 qts., 60c; pk., $1.10, parcel post paid. By freight, not prepaid, 4 qts., 35c; pk., 60c; bu., $2.00.**



Kentucky Early Yellow Dent Corn

Kentucky Early Yellow Dent—This is a very large yellow corn, an enormous yielder and wonderfully vigorous in growth. For so large a corn it is remarkably early, maturing in 100 to 110 days. The ears will average a good foot in length and are well filled from tip to butt with large bright yellow grain closely and evenly set on a very small cob. The fodder is excellent and abundant and of first quality. **Qt., 40c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.50.**

Improved Yellow Leaming, 90 Days—Small grains, orange yellow color. **Qt., 30c; 4 qts., 65c; pk., $1.10, parcel post paid. By freight, not prepaid, 4 qts., 40c; pk., 60c; bu., $2.00.**

Schwill's Ninety-Day Early Yellow Corn—A standard variety of yellow corn; quick maturing. **Qt., 30c; 4 qts., 60c; pk., $1.00, parcel post paid. By freight, not prepaid, 4 qts., 35c; pk., 55c; bu., $1.90.**

Tenn. Mammoth Yellow Corn

Tennessee Mammoth Yellow—Ears are of a perfect shape, long and filled out to the end of the cob. The grains are not of a flinty type, neither are they so soft. A Southern grown large-eared yellow corn, sure to give satisfaction. **Qt., 35c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.25.**

Ensilage and Fodder Corn

Red Cob White Ensilage—Heavy tall stalks, for ensilage; the very best sort.

Evergreen Sweet Fodder Corn—Stalks are very sweet, rich and tender, producing the best fodder. Sold by measured bushel.

Eureka White Ensilage—Grows tall and leafy and gives fine results for an ensilage crop.

Price of the foregoing three varieties, uniform as follows: **By parcel post, 4 qts., 50c, pk., $1.00. By freight, not prepaid, 4 qts., 35c; pk., 60c; bu., $2.00.**

Pop Corn

Price, pkt., 15c; ½ lb., 20c; 1 lb., 30c; 5 lb., $1.00, parcel post paid. By freight, not prepaid, 1 lb., 20c; 5 lb., 75c; 10 lb., $1.25; 50 lb., $4.00.

White Rice—Very easily popped, tender and white; the best for market.

White Pearl—A fine variety; clear white and productive.

Queen's Golden—A beautiful golden color; pops large.

Red Beauty—A new variety, fine flavor; pops well.

The Improved German Soil Inoculator. Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REG'D. DEC. 6, 1898 NO. 32212

PURE CULTURE

THE SIMPLEST SAFEST AND SUREST SYSTEM OF SOIL INOCULATION FOR ALL LEGUMES

A successful crop of any Clover, Alfalfa, Soy Beans, etc., assured if you inoculate the seed with Nitragin, the new granular form of bacteria. Don't pass this new and wonderful discovery; give it a trial this season. It will not only make legumes grow better, but the soil will become richer in humus. Try the method in which the bacteria stores the nitrogen in the way of nodules on the roots. Turn this crop under, and you enrich your ground so that you can follow with corn, cotton or grain crop. Late experiments have shown what wonderful results are obtained by this way.

Nitragin is easily handled. Any boy can apply it to the seed in ten minutes. Write us for circulars telling you all about this new discovery. We have the Nitragin for all legumes. Let us know when ordering what crop you want it for. Price.

½ acre, garden size, can	$1.00
1 acre size, can	2.00
5 acre size, can	9.00

Parcel Post 10c per can extra.

Cotton Seed

Quality of Our Cotton Seeds.—We buy our seed of originators, or from scientific growers of seed bought from originators, in car lots. We know our growers; we know what is genuine seed of each type. When you buy of farmers or miscellaneous shippers, you are not certain what you are getting.

We have listed only the most popular and new varieties, and all are stocks that have been grown for us on contract. Any one wanting other cottons not shown here, write us for prices on same, as we are always in position to obtain pure seed of most all kinds. Prices subject to market changes. Write for special quotations on large amounts. All cotton seed sold at the rate of 30 pounds to the bushel.

Miss. Delta Planting Co's. Pedigreed Express Cotton

Pedigreed Express Cotton—Our seed is pure, grown by the Mississippi Delta Planting Co., Scott, Miss. We have exclusive sale of this stock in Memphis. Don't fail to plant Express Cotton, it is early, productive and makes staple 1 1-16 inches, easily picked. Most large planters have discarded all other varieties for Express, which is leading all kinds at the Mississippi Experimental Station. Price of Mississippi Delta Planting Cotton Seed in branded bags. **Bu., $2.00; per bag, 3 bu., $5.00; 60 bu., for $90.00.**

Early Triumph Big Boll Cotton—It is the earliest of all big boll varieties. As a storm-proof cotton it beats all other cotton. It makes from 36 to 41 per cent. of lint (thirty-six to forty-one pounds of lint to 100 pounds of seed cotton.) Bolls are usually five lock, very large and solid, therefore making more cotton than other spongy large bolls. Lint of the Triumph Cotton is silky, 1 1-16 to 1⅛ inches in length. **Bu., $1.50; 10 bu., $14.00; 60 bu., $80.00.**

Corona Cotton—One of the finest benders. Originated in Tipton Co., Tenn., where the planters use it altogether, staple 1 3-16, large bolls, medium early, five locked, easily picked, fiber of excellent quality; a broad open plant, giving the bolls a clean chance to ripen. On good land it will yield 1½ bales to the acre. At the gin this variety will turn out 35 to 37 per cent. Memphis buyers always pick up Corona on account of its good uniform length and quality of the cotton. Don't fail to plant it this year. We know that you will like it. **Bu., $1.75; 10 bu., $15.00; 60 bu., $80.00.**

Cleveland Big Boll—Very early, big boll, staple 1⅛ to 1¼ inches. Succeeds well on most all kinds of land. **Bu., $1.50; 10 bu., $14.00; 60 bu., $80.00.**

King's Early Improved—A very early, small bolled, small seeded variety, always thirds itself, and matures always two weeks ahead of any other sort. On account of its extreme earliness it is largely planted in boll weevil infected sections, as it matures the most of its crop before the weevil makes its appearance. King's is a very hardy variety, very resistent to rust and other diseases, and seems to hold its fruits without shedding better than any other sort. **Bu., $1.50; 10 bu., $13.00; 60 bu., $75.00.**

Webber Cotton

Webber Cotton—Large boll, long staple. Was originated by D. R. Coker. A heavy fruiting variety, making lint 1¼ to 1⅜ inches in length. **Bu., $1.75; 5 bu., $8.00; 10 bu., $15.00; 60 bu., $85.00.**

Simpkins' Ideal Big Boll Cotton—We have originator's stock. A new big boll variety, matures early, with open foliage, therefore, well adapted for boll weevil sections. Many farmers write strong testimonials of this new cotton. Write us for literature, etc., describing more fully its merits. **Price, bu., $2.00; 10 bu., $18.50.**

Coker's Pedigreed Webber No. 49 Cotton—The earliest of all staple cottons. One of the best varieties for boll weevil sections. Its earliness makes it especially profitable in short seasons, when an early frost kills the top crops of late cottons. Has large bolls, open foliage, ripens quickly—almost as early as the short cottons, makes a good average yield of good quality lint, 1¼ to 1 5-16 staple. We have originator's stock from Pedigreed Seed Co. **Price, bu., $4.00; 20 bu., at $3.50 per bu.**

Coker's Pedigreed Hartsville No. 9 Long Staple Cotton Seed—Originator's stock. A superior distinct selection, large bolls, easy to pick, practically storm-proof, makes a lint of remarkable uniformity and strength. It makes a long uniform fibre, running from 1¼ to 1 5-16 inches in staple. Also resistant to disease, withstands drouth better than any other staple. Don't fail to get started with this excellent variety. Our stock is from the grower. **Price, bu., $3.00; 10 bu., at $2.75 per bu.**

Christopher's Improved Early Big Boll Cotton—Bolls are very large, 40 of them making 1 pound seed cotton, 5 to 7 locks to the cluster; seed cotton about 40 per cent lint, easily picked. It produces more to the acre than any other cotton known; staple very strong and about 1 inch; matures very early. **Bu., $2.00; 10 bu., $18.00.**

Snowbank Cotton—A new variety, staple snow white, 1 1-16 inches. Yields well on all hill land, a few of our planters in this vicinity after trying it out the past season were more than pleased. Lint is purest white, of good texture. Our stock is pure, raised in this county by one of the most reliable planters. **Bu., $2.50; 10 bu., $20.00.**

Insecticides and Spray Materials

A Tree That Has Been Sprayed

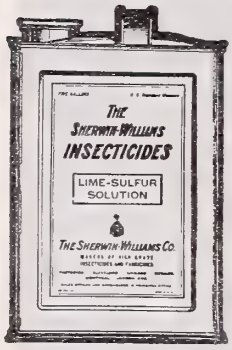
Order early. Fruit trees should be sprayed late in winter or very early in spring. Have the material on hand and do the work at the right time. You can raise good fruit by systematic spraying.

Try spraying this spring. You will be well repaid for your expense and trouble. Directions for applying the different preparations are printed on the package. Prices are f. o. b. Memphis, purchaser paying carrying charges, unless stated otherwise.

Poisonous insecticides and liquids of any kind are not permitted in the mails, so all packages of poisons, no matter how small, must be sent by express or freight.

The Result of Not Spraying

For fungus diseases, use at all times Bordeaux Mixture, or Pyrox. For lice and chewing insects and aphis, use Kerosene Emulsion. On roses, use Fir Tree Oil Soap solution for green fly. For caterpillars, use Arsenate of Lead. For mildew use Lime Sulphur, Hammond's Grape Dust. For cut worms, Cut Worm Food. For tomato worms, apply Slug Shot; cabbage worms, Pyrox. For potato bugs, use Bug Death and Arsenate of Lead or Tuber Tonic.



Lime Sulphur Solution—We handle the Sherwin-Williams brand, the best on the market. **Price, 1 qt., 35c; 2 qts., 50c; 1 gal., 75c; 5 gal. can, $3.00; ½ bbl., 30 gallons, at 35c gal.; bbl., 50 gal., at 28c gal.**

Bug Death—An effective non-poisonous powder for potato bugs and other insects in the garden. **Price, 1 lb., 15c; 3 lb., 35c; 5 lb., 50c; 12½ lb., $1.00; 100 lb. keg, $7.50. By parcel post, 1 lb., 25c; 3 lb., 50c; 5 lb., 70c; 12½ lb., $1.35.**

Slug Shot, Hammond's—Non-poisonous; a splendid powder for general use. **Price, 1 lb. box, 15c; 5 lb. pkg., 35c; 10 lb., 65c; 25 lb., $1.50; 100 lb., $5.00. By parcel post, 1 lb., 25c; 5 lb., 55c; 10 lb., 90c.**

Tree Tanglefoot—Applied to trees keeps ants and caterpillars from crawling up; a sure cure for most insect trouble on all kinds of trees. **1 lb., can, 35c; 3 lb., can, 90c; 10 lb., can, $2.75. By parcel post, 1 lb., 45c; 3 lb., $1.00; 10 lb., $3.00.**

Powdered or Dry Fungi Bordo—The perfect dry Bordeaux mixture, all ready to be mixed, as you need it with water; kept dry will last for years; full directions on every package how to use it. **Price, 1 lb., 40c; 5 lb., $1.50; 10 lb., $2.75; 25 lb., $5.00, not mailable.**

Bordeaux Mixture—We carry the best brands of this standard formula. **Price, Bordeaux Liquid, qt., 40c; gal., $1.25.**

Bordeaux and Arsenate of Lead Mixture—A combination fungicide and insecticide. **Price, qt., 50c; gal., $2.00, not mailable.**

Paris Green—Price, ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lb., $1.50; 100 lb keg, $20.00, not mailable.

Pruning Compound—For use on trees after pruning, keeps limbs from bleeding. **1 qt. can, 40c, not mailable.**

Fish or Whale Oil Soap—Effective against scale, ants, aphis, etc., on trees and plants. **¼ lb., 10c; 1 lb., 25c; 5 lb. box, $1.00. By parcel post, ¼ lb., 15c; 1 lb., 35c; 5 lb., $1.20.**

Powdered Arsenate of Lead—We carry Sherwin-Williams Co's. Powdered Arsenate of Lead, considered the best on the market. **½ lb., 25c; 1 lb., 40c; 5 lb., $1.75; 10 lb., $2.80. Cannot be mailed.**

Paste Arsenate of Lead—Many prefer the Grasselli Paste form of Arsenate Lead. It is simple to dilute; always effective. **1 lb. jar, 25c; 5 lb. jar, 90c; 10 lb. jar, $1.50; 25 lb. can, $3.25; 100 lb. keg, $11.00. Cannot be mailed.**

HUNDRED-DOLLAR STRAWBERRY:—This berry cannot be recommended too highly as a local market berry or for table use in the private garden. **Is an enormous producer.** We know of no other berry that produces such an enormous quantity of large-sized fruit, and is claimed by many to be the best **drought resister** of any strawberry. It is prolific to the extent that in a well-kept field the berries are more conspicuous than the leaves of the plant. The color and flavor of the berries is all that could be desired and it has no core. We are very anxious to have our customers try this berry and have a fine stock to offer. **Strong, well-rooted plants, 10c each, 3 for 25c, 6 for 35c, 15 for 75c, 30 for $1.25, delivered. Not delivered, 100 for $3.00**

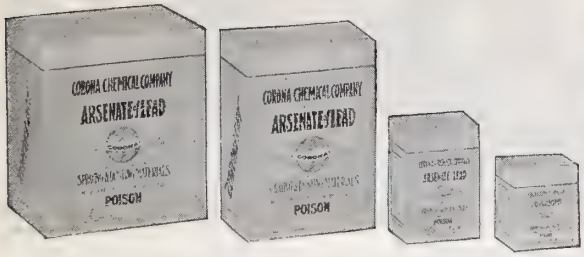
Kill Leaf-eating Insects and Prevent Blight and Fungus with

Pyrox

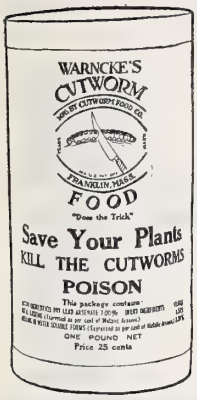
USE IT ON	
Apples	Grapes
Pears	Raspberries
Quinces	Potatoes
Plums	Tomatoes
Cherries	Shrubs

USE IT ON	
Egg Plants	Squashes
Peppers	Flowers
Cucumbers	Cabbage
Cantaloupes	Beans
Watermelons	Seed Corn

PYROX is easy to use—simply mix with water and spray, sticks like paint to the leaves and is not washed off by even heavy rains. Saves time, labor and trouble. PYROX is a double-header spray—it kills leaf-eating worms and bugs; prevents blight, rot, rust and fungus in one operation. It stimulates growth, increases yield and quality, keeps the tree or plant healthy and vigorous throughout the growing season. PYROX adds to your profit and not to your expense. **Prices, 1 lb., 35c; 5 lb., $1.25; 10 lb., $2.00; 25 lb., $4.00; 50 lb., $7.50; 100 lb., $13.50, not mailable.**



Corona Dry Arsenate of Lead—Does not burn the foliage, absolutely safe to use, kills every insect that eats it, superior in every way to Paris Green, as it does not burn or scald the foliage, can be used dry as a powder or as a solution in water. Corona Dry Arsenate of Lead is one of the best preparations on the market. **Price ½ lb., 25c; 1 lb., 40c; 5 lb., $1.75; 10 lb., $2.75; 25 lb., $6.00. Cannot be mailed.**



Cut Worm Food—Simple, easy to use; a sure dose for eradication of all cut worms. **Price, 1 lb., 25c; 5 lb., $1.00. Not mailable.**

Tobacco Dust—For lice and other insects on all vegetable and flower plants. **1 lb., 15c; 5 lb., 40c; 25 lb., $1.25; 100 lb., $4.00. By parcel post, 1 lb., 25c; 5 lb., 60c.**

Sulpho Tobacco Soap—Will keep off and kill all insects on plants and trees. **Price, 3 oz. cake, 10c. By parcel post, 15c. 8 oz. cake, 20c. By parcel post 25c.**

Dalmatian or Persian Insect Powder—Non-poisonous but very effective against all insects. **Price, ¼ lb. box, 20c; 1 lb., box, 50c. By parcel post, ¼ lb., 25c; 1 lb., 60c.**

Prof. Null's Tree Tonic and Insect Destroyer—The greatest boon of the age to horticulturists, destroys and eradicates borers in peach and other fruit trees, prevents blight in pear trees, makes grape vines grow vigorously, cures and prevents fungus troubles on roses and shrubs. No more blight on your apple trees if you use Prof. Null's Tree Tonic. Simple to use, send for booklet and testimonials of this most wonderful preparation. **Price, 1 lb. box, $1.00. By parcel post $1.10.**

Germo Magic Disinfectant—Reliable, does not stain, effective on ants, roaches, and chicken lice. **Qt., 40c; ½ gal., 75c; 1 gal., $1.50.**

Hammond's Thrip Juice—For sucking insects. Non-poisonous. Dilute one to fifty. Absolutely sure shot against Aphis, Lice, Mealy Bugs, etc. **½ pt., 40c; pt., 60c.**

MARKET GARDENERS' BULK PRICES.

Our Market Gardeners' and Wholesale Bulk Price List is given on pages 2 and 3, all in plain figures. No further discount allowed. At quotations named on Wholesale List, we do not pay parcel postage.

White Hellebore—Effective on all lice and other insects on vegetable plants; poisonous but safe to use. **½ lb., 20c; 1 lb., 35c.**

Kerosene Emulsion—Lion Brand, full directions on can. **Price, qt. can 40c; gal. can, $1.25.**

Hammond's Grape Dust—Keep off blight and other fungus diseases. **1 lb., carton 20c; 5 lb., 40c. By parcel post, 1 lb., 25c; 5 lb., 55c.**

Lemon Oil Insecticide—Death to all insect pests; contains no poison; safe to use; leaves no odor; will destroy all lice, scale, worms, spiders, aphis, etc., on all plants. Mixes with water and easily applied. **Price, ½ pt., 25c; 1 pt., 50c; cannot be mailed.**

Tuber Tonic—A new preparation from Sherwin-Williams Co. especially made to kill potato beetle and at the same time acts as a tonic to the plant. **Price, 1 lb., 35c; 5 lb. can, $1.50.**

Fir Tree Oil Soap—Excellent remedy for all house plants, trees or shrubs. **½ lb. can, 25c. By parcel post, 35c.**

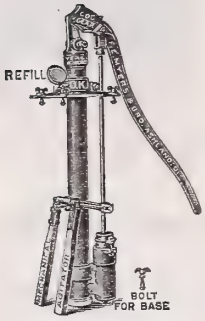
Grafting Wax—Prepared especially for all grafting on trees, etc. **¼ lb., 15c; ½ lb., 25c. By parcel post, ¼ lb., 20c; ½ lb., 35c.**

Nicoteen Liquid—A very strong solution of Nicoteen, which is sure death to all insect life, does not injure the most tender foliage, if directions are followed. **Price, 4oz. bottle, 40c; 1 lb. bottle, $1.50, not mailable.**

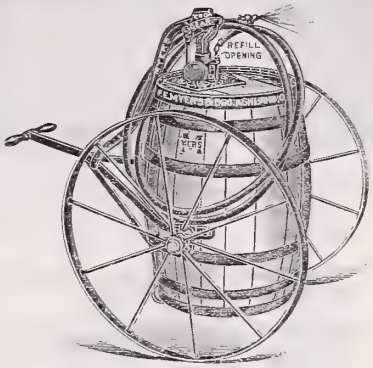
Aphis Punk—Tobacco paper, the original and genuine nicoteen fumigant. **Price, per can of 1 doz. sheets, 60c. By parcel post, 70c.**

Nicoticide—The spray that does the work. One ounce of Nicoticide makes ten gallons of spray material. The bugs die, the plant thrives. Nicoticide is not the cheapest in price, but the cheapest in results. Circulars on request. **1 oz. bottle, 25c; ¼ pt., 70c; ½ pt., $1.25; 1 pt., $2.50. Nicoticide is not mailable.**

Spray Pumps, Atomizers, Etc.



Myer's No. 318-B Barrel Pump



Myer's Steel Cart Barrel Sprayer

Myers' Cog Gear Barrel Spray Pump No. 318B—Has malleable iron base, fits any regular size barrel. Cylinder valves and valve seats all brass; has 15 ft. of ½-in. 5-ply discharge hose; mechanical agitator, and Vermorel nozzle. This is a splendid outfit. **Price complete, excepting barrel, $12.00; with extension pipe, $13.50.**

Myers No. R308B Barrel Sprayer—A new style cog gear barrel sprayer that will carry 200 pounds of pressure. Plate made to fit top of barrel. Complete with 15 feet of 7 ply ½ inch hose, agitator and one nozzle, **$16.00.**

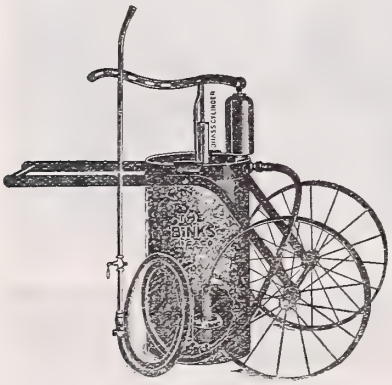
The Myers Steel Cart Barrel Sprayer—Outfit as follows: One No. 318-B cog gear orchard pump, 15 feet hose, spray nozzle, agitator, one all steel cart with three inch tire, and one finished barrel. All knocked down, but can easily be set up. **Price complete, $22.50.**

Myers' Orchard Barrel Spray Pump No. 305—Complete with 5 feet of ½-inch 3-ply discharge hose and Bordeaux nozzle. **Price, without barrel, $9.00; with patent agitator, $10.00; with one 6-foot extension pipe, $10.50.**

Myers' Whitewashing and General Purpose Sprayer—Tank, extra heavy galvanized steel, holds 8 gallons. Suitable for applying whitewash and water paints. **Price, each, $10.00.**

Myers' Knapsack Sprayer—The best knapsack sprayer. **Price, with galvanized iron tank, $7.50; by parcel post, $8.00; with copper tank, $10.50; by parcel post, $11.00.**

Myers' Fountain Sprayer—This is the cheapest knapsack in the market; very durable and will pay for itself in a short time. **Price, complete, $4.00; by parcel post, $4.50.**



Bink's No. 21 Whitewash and Spray Machine.

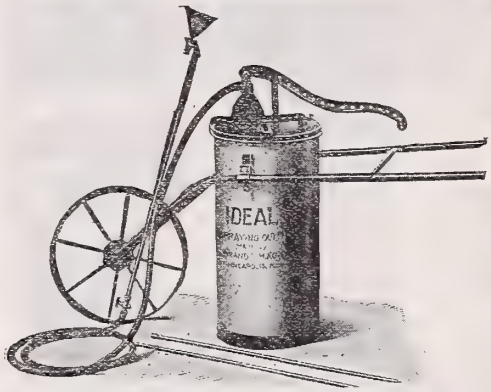
Myer's Knapsack Sprayer

The Binks No. 21 Whitewash and Spraying Machine—Something entirely new. A small portable hand-power sprayer, easily moved, having two large wheels, well balanced, strong in construction; will spray whitewash in a thorough manner without clogging; can also be used for all tree spraying. Tank holds 12 gallons, equipped with patent agitator and wont clog. **Price, with 10 feet ½-inch hose and couplings, spray pipe, complete with ¼-inch cock and nozzle, $16.00**

Standard Sprayer as a Barrel Pump

Standard Sprayer as a Bucket Pump

The Standard Sprayer—A general purpose sprayer, suitable for every spraying need. Made entirely of brass, with two solid brass ball valves. No leather suckers or washers, no castings to rust, no leaking joints, nothing to get out of order. Sprays orchards, large or small, potatoes or truck crops. Sprays whitewash, any cattle dip or disinfectants. Write for circulars. **Price, Standard Sprayer, $4.00, by parcel post, $4.25. Price Standard Sprayer with Knapsack Tank, $7.00; by parcel post, $7.75.**

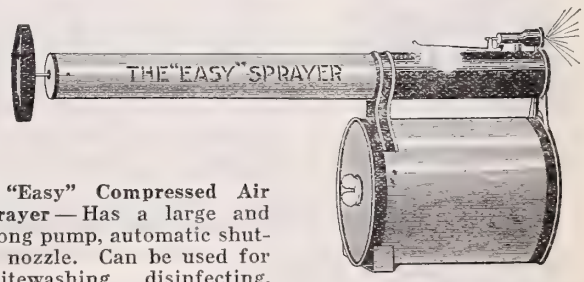


Myer's No. 324 Bucket Pump

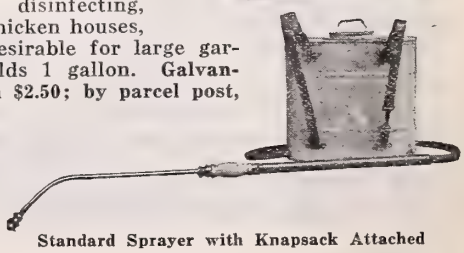
Myer's No. 324 Bucket Pump—Furnished with lever handle, which gives additional force to the stream. This is a perfect double acting pump, easy to operate. Complete with hose and graduating vermorel nozzle. **Price, $5.00. By parcel post, $5.45. Eight foot extension pipe, $1.00 extra, f. o. b. Memphis.**

Brandt's Ideal Sprayer—Equipment, tank 15 gallons, portable, attached to an iron wheelbarrow frame with wheel; 10 feet ⅜-inch pressure hose, 10 feet 3-piece pipe extension, 1 T shut-off cock, 1 Brandt nozzle. Weight, 65 lbs. **Price, $18.00.**

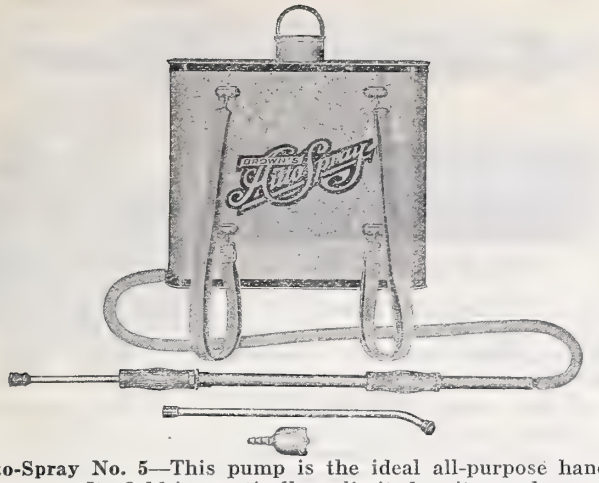
Auto No. 240 Barrel Sprayer—This pump is most powerful. Develops great pressure with but little exertion. A solid piece pump cylinder, base and air chamber, giving perfect alignments. Simple in construction, yet very strong and durable. The agitator is mechanical and very effective. We consider this outfit one of the best on the market. Guaranteed to give perfect satisfaction. **Price of pump, barrel, 15 feet of ½-inch 5-ply hose and automatic spray nozzle $18.00 each. 9-foot Bamboo Extension Rod, extra, $3.00.**



The "Easy" Compressed Air Sprayer—Has a large and strong pump, automatic shut-off nozzle. Can be used for whitewashing, disinfecting, and cleaning chicken houses, and is very desirable for large gardens, etc. Holds 1 gallon. **Galvanized tank, each $2.50; by parcel post, $2.90.**



Standard Sprayer with Knapsack Attached



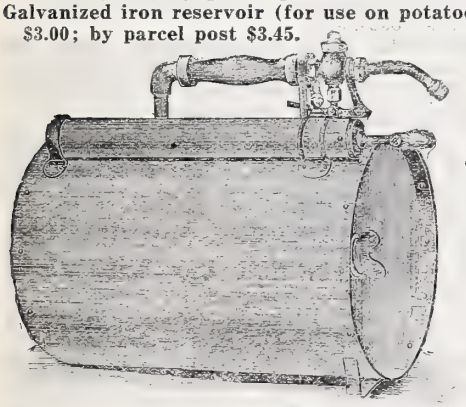
Auto-Spray No. 5—This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited as it may be used for spraying tree, vines, garden truck, potatoes and any field crops, and for handling whitewash and disinfectants. It is made entirely of brass, doing away with all danger of corrosion. The pump is double acting. This feature makes the spray continuous.

Detailed Description—Made entirely of brass. It has two ball valves so arranged that they may be instantly cleaned. 3½ ft. of 3-8-in. suction hose and a heavy strainer that keeps the hose from working out of a bucket or tank. The extension is extra and very useful for spraying field crops. The extension is curved so that the operator can direct the spray up or down while using the pump in a horizontal position. The knapsack tank is also extra and is essential where the sprayer has to be continually moved about, such as spraying rows of potatoes.

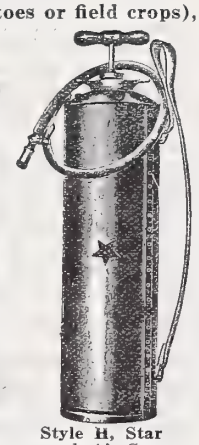
Auto-Spray No. 5, pump, hose, nozzle and strainer complete, $4.00; by parcel post, $4.50.

Extension, 50c; by parcel post 60c.

Galvanized iron reservoir (for use on potatoes or field crops), $3.00; by parcel post $3.45.



Baby Lowell Compressed Air Sprayer



Style H, Star Compressed Air Sprayer

Baby Lowell Compressed Air Sprayer—The air enters the sprayer through the valve at bottom of pump, thoroughly agitating and mixing the contents of sprayer. Holds one gallon. **Price, galvanized iron, $3.50; by parcel post, $3.75.**

Style H Star Compressed Air Pump—The very best compressed air pump on the market, extra strong, galvanized tank equipped with a powerful self-contained all-brass air pump. Holds four gallons. Capacity equal to four men with brushes. **Price, each, $9.00. By parcel post, $9.70.**

Acme Hand Powder Bellows

Scollay's Rubber Sprayer

Dry Powder Sprayers and Dusters.

Acme Hand Bellows	each,	$1.00;	by parcel post, $1.25
Simplex Dry Powder Sprayer	each,	.50;	by parcel post, .75
Dickey Bug Death Duster	each,	.25;	by parcel post, .40
Insect Powder Gun	each,	.25;	by parcel post, .30
Acre an Hour Sifter	each,	.75;	by parcel post, .90
Scollay's Rubber Sprayer	each,	1.00;	by parcel post, 1.10
Scollay's Putty Bulbs	each,	1.00;	by parcel post, 1.10

Auto Spray Pump

The Auto Spray Pump—The "Auto Spray" works automatically for six to fifteen minutes, according to the nozzle opening. It may be charged in fifteen seconds by a few strokes of the plunger, and two pumpings will usually discharge the entire contents. Simply fill two-thirds full of solution and pump up air pressure. Diameter, 7 inches; height, 2 feet; capacity 4 gallons.

A—Brass Tank with stop cock	**$7.25**
B—Brass Tank with Auto Pop No. 1	**7.75**
C—Galvanized Tank with stop cock	**5.00**
D—Galvanized Tank with Auto Pop No. 1	**5.50**
Auto Pop Attachment with hose	**2.00**
Auto Pop Attachment without hose	**1.25**
Brass 2-ft. extension, per length	**.50**
Brass Elbow extension	**.50**
Strainer for Auto Spray Pumps, copper	**1.00**

By parcel post, Auto Pumps, 50c each extra.

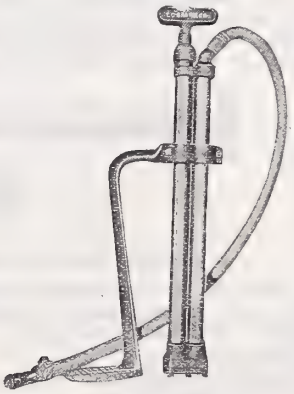
Brandt's Perfection Compressed Air Sprayer—A light, compact compressed air syrayer. Will spray whitewash. **Galvanized iron, $5.00; brass, $7.00; 2½ feet extension pipes, 50c each extra; whitewash caps, 50c each extra. By parcel post, add 25c extra.**

"Simplex" Sprayer—The "Simplex" Sprayer is without question the most successful machine of its kind on the market. The pressure is maintained high and even with the pump that is under perfect control at all times.

No. 1—Brass Tank Simplex Sprayer, each	**$5.50**
No. 2—Galvanized Tank Simplex Sprayer, each	**4.50**
2-foot Extension Pipes, each	**.50**
No. 2—Brass Cap for whitewashing, each	**.50**

By parcel post, add 35c each to Simplex Sprayers.

Modoc Bucket Pump.



Auto No. 2 Bucket Spray Pump

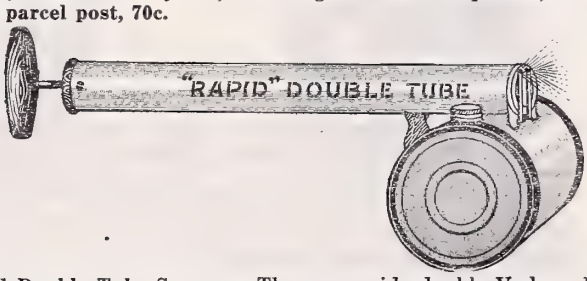
"Modoc" Bucket Pump—This pump is used for a bucket spray and force pump, as well as for whitewashing. It will throw a stream 35 feet high. All solid brass, double action, bronze ball valves. Will whitewash and spray with same nozzle by simply turning the disc. Equipped with 5-ply pressure hose. **Price, $3.50. By parcel post, $3.75.**

Auto No. 2 Bucket Spray Pump—For the garden or small orchard, this pump is well indispensable. Working parts and cylinder are of brass. Supplied with hose, nozzle and foot-rest. **Price, $3.20; by parcel post, $3.55.**

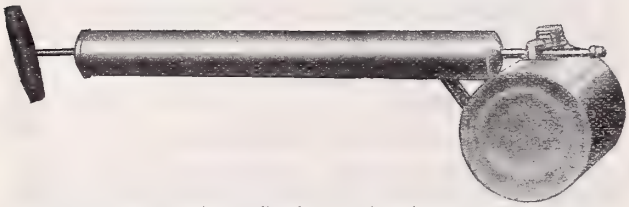
Hand Atomizers.

These are very useful in the poultry house for applying liquids, also fine for spraying the small plants, roses, shrubs, etc. Our line is the most complete in the city.

Misty Jr. Sprayer—Has large, powerful pump; lock-seamed can; made of heavy tin; will do good work. **1 qt. size, 50c. By parcel post, 70c.**



Rapid Double Tube Sprayer—Throws a wide double V-shaped spray; strong galvanized tank, double seamed; well braced; holds one quart. **Price, 75c. By parcel post 95c.**

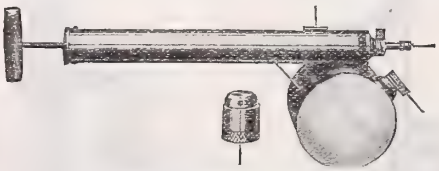


Acme Continuous Atomizer

Acme Continuous Atomizer—Makes a continuous spray; easier to operate and much superior to the ordinary kinds of sprayers. **1 qt. tin, 75c; by parcel post, 95c; 1 qt. brass, $1.00; by parcel post, $1.20.**

Faultless Atomizer

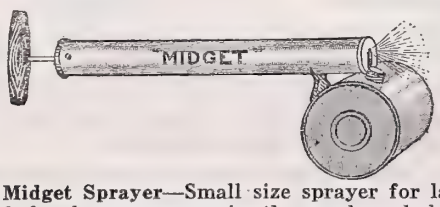
Faultless Hand Atomizer—Capacity, 1 quart. One of the best sprayers made. Throws a spray as fine as mist, rendering the use of strong solutions safe on tender foliage plants, or in poultry houses. **Eact 40c; by parcel post 60c.**



Auto No. 37 Continuous Sprayer

The Auto No. 37 Continuous Sprayer—Throws a continuous fine misty stream, easy and simple to operate, a new style sprayer and one of the best.

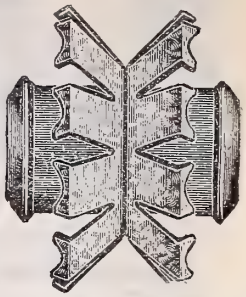
Tin Tank, qt. size ..... **$ .80; by parcel post, $ .95**
Galvanized Tank, qt. size ..... **.90; by parcel post, 1.10**
Brass Tank, qt. size ..... **1.25; by parcel post, 1.45**



Schwill's Midget Sprayer—Small size sprayer for ladies' use. Splendid for house use or in the garden; holds 1 pint. **Price, 35c. By parcel post, 50c.**

Bamboo Extension Rod.

5 Ply Rubber Spray Hose



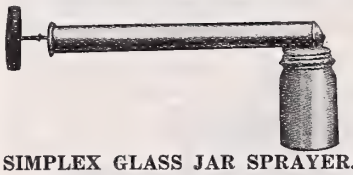
Perfect Clinch Hose Mender

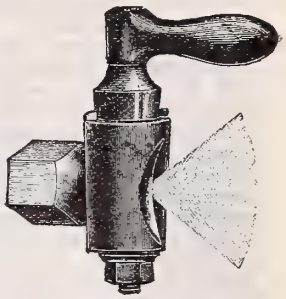
Rubber Hose.

Spray Hose, ⅜-inch.....**per foot, 20c**
Spraying Hose, ½-inch.....**per foot, 20c**
Sprinkling Hose, ¾-inch....**per foot, 20c**

All best quality pure rubber. Postage extra.

Crescent Glass Tank Sprayer—Any Mason quart jar fits this pump. Six, seven or more different kinds of insecticide can be used with this same sprayer, by simply changing the glass jars. Will make a double spray that spreads over a wide area. **Price, 75c. By parcel post, $1.00.**





Bordeaux Spray Nozzle

SIMPLEX GLASS JAR SPRAYER.

A combination powder gun and sprayer. You can have a separate jar for each spray solution or powder, therefore always ready for use by simply changing the jar. It blows any kind of dry powder or sprays any liquid in any position, either up or down. Fine for house plants, roses, small trees, poultry house, etc. Once try a Simplex Glass Jar Sprayer and you will never be without one. Any Mason jar answers for extra tank. **Price, each, 50c. By parcel post, each, 75c.**

Spray and Hose Nozzles.

Vermorel Nozzle, ½-inch thread, each **$0.75**
Bordeaux Nozzle, ½-inch thread, each ..... **.75**
Gould Misty Spray Nozzle, ½-inch thread, each **1.00**
Brandt's Misty Spray Nozzle, ½-inch thread, each ..... **.75**
Gem Hose Nozzle, ¾-inch thread, each ..... **.50**
Misty Hose Nozzle, ¾-inch thread, each ..... **.50**
Brandt's Perfection Nozzle, each **1.00**
Brass Extension Pipes, 18 inches long, each ..... **.35**
Brass Extension Pipes, 24 inches long, each ..... **.50**
Iron Extension Pipes, 48 inches long, each ..... **.75**
Bamboo Extension Pipes, six feet long, each..... **2.00**
Brass Elbows, ½-inch thread, each ..... **.75**
Brass Y's, ½-inch thread, each ..... **.75**
Brass Spray Hose Couplings, ½ inch, each ..... **.25**

We carry a full stock of the different parts, washers, etc., of most all sprayers listed; write us what you need.

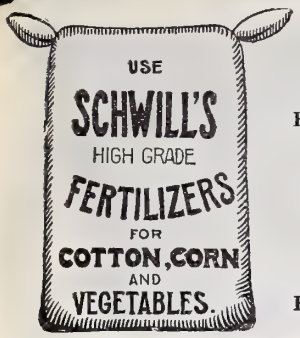
Hose Attachments.

Standard Hose Couplings—¾-inch each ..... **$ .15**
Spray Hose Bands—each, 5c; doz. ..... **.30**
Sherman Hose Clamps—Each ..... **.05**
Rubber Washers—¾-inch, 4 for ..... **.05**
Brass Bands—¾-inch, dozen ..... **.30**
Pliers for Putting on Bands—Each ..... **.25**
Hudson Hose Menders—per box ..... **.75**
(Includes bands, tubes and pliers.)
Perfect Clinch Hose Menders—Each ..... **.15**
Perfect Clinch Hose Couplings—Pair ..... **.25**
Fountain Wave Lawn Sprinkler.....**each, 50c; parcel post, 70c**
Elgin Lawn Sprinkler .....**each, 50c; parcel post, 70c**

Water or Sprinkling Pots.

Lisk, heavy galvanized iron ..... **6 qt., each, $ .50**
Lisk, heavy galvanized iron ..... **8 qt., each, .60**
Lisk, heavy galvanized iron .....**10 qt., each, .75**
Lisk, heavy galvanized iron .....**12 qt., each, 1.00**
Lisk, heavy galvanized iron .....**16 qt., each, 1.25**
French Watering Pots, long tube .....**10 qt., each, 2.50**
French Watering Pots, long tube .....**12 qt., each, 3.00**

Above prices do not include parcel post charges. If wanted by mail, add extra for stamps.



Fertilizers

Best Results From the Soil—If you want to obtain the best results from the soil, we are compelled, by sheer necessity, to use commercial fertilizers. The prices given below are net cash and f. o. b. Memphis. Special prices on car lots and larger quantities delivered at your depot will be given on application.

How to Use Fertilizers—Get a copy of our red book; it will tell you how much to use and how to apply them; it's free with all orders.

Schwill's Special Brands

Schwill's Truck Grower—Made especially for vegetables and garden crops. Analysis: 10 per cent. phosphoric acid, 4 per cent. potash, 4 per cent. nitrogen. **5 lb., 25c; 25 lb., $1.00; 100 lb. bag, $2.75; ton, $48.00.**

Schwill's Corn Grower—Prepared to give increased yield on corn crop. Analysis: 12 per cent. phosphoric acid, 1 per cent. potash, 1 per cent. nitrogen. **100 lb., $1.75; ton, $30.00.**

Schwill's Cotton Grower—Especially recommended for cotton, which needs plenty of potash. Analysis: 10 per cent. phosphoric acid, 2 per cent. potash, 1 per cent. nitrogen. **100 lb., $1.75; ton, $30.00.**

Schwill's Acid Phosphate—Splendid for making compost or mixtures. 16 per cent. analysis. **100 lb., $1.25; ton, $20.00.**

Raw Chemical Material

Pure Bone Meal—Invaluable for top dressing lawns. Nothing is better for fertilizing young fruit trees, grape vines, roses, etc. **5 lb., 25c; 25 lb., $1.00; 50 lb., $1.50; 100 lb., $2.50.**

Wizard Brand Sheep Manure—Nature's own fertilizer, absolutely pure and best to use on lawns and flowers. **5 lb., 30c; 25 lb., $1.00; 100 lb., $2.00. By express only.**

Land Plaster or Gypsum—Is largely used as a fertilizer for clover, corn and other crops. Excellent to mix with paris green at the rate of 100 lbs. of plaster to 1 lb. of paris green to kill bugs, worms, etc. **50 lb., 75c; 100 lb., $1.00; 200-lb. sack, $1.25; per ton, $9.50.**

Nitrate of Soda—This is the most soluble and quickly available form of Nitrogen or "Ammonia." It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, potatoes and similar crops, as well as for grass, grain, fruits and flowers. Use 100 lbs. to an acre. **3 lb., 25c; 25 lb., $1.25; 100 lb., $4.00; per ton, $70.00.**

Ground Limestone

Use ground lime stone on your alfalfa, red clover and grasses and you will get results. Sow broadcast, then plow or disc harrow in 2,000 to 4,000 pounds of it on an acre of land about 2 weeks before sowing seed. **100 lb., 75c; per ton, $6.00. Sacked f. o. b. Memphis. In Car lots, about 40 tons, price bulk, $2.50 per ton, f. o. b. Memphis.**

Peat or Humus Muck—Is a very rich dark soil, originating principally from decayed vegetation, and is found in swampy locations. A fine substitute for barnyard manure, being rich and of high quality of humus. **Price, 25 lb., 50c; 100 lb. sack, $1.00; ton, 2000 lbs., $15.00.**

Sterlingworth Plant Tablets.

A new odorless invigorator for house plants; increases growth of plant and doubles the bloom. **Two sizes, 10c and 25c per box; by parcel post, 15c and 30c.**

Screened Charcoal

For fertilizing purposes, especially valuable on lawns and truck gardens. Charcoal separates the soil. Charcoal retains moisture. Charcoal prevents fungus. Charcoal imparts warmth. It is excellent to mix with barnyard manure, etc. It is inexpensive and will repay you ten fold with its use. **Price per 50-lb. bag, 70c; per ton, $9.50.**

The plant on the left shows the result of using Bonora

"Bonora," Nature's Plant Food—The recognized fertilizer of modern times. Fine for all pot plants, palms, etc. **Trial size, 20c; by parcel post, 25c; 12 oz. can, 40c; by parcel post, 45c.**

Walker's Excelsior Plant Food—Produces rich, green growth and profusion of flowers. **Small can, 10c; by parcel post, 15c. Large can, 20c; by parcel post, 30c.**

Bowker's Plant Food—Excellent for all house or greenhouse plants, ferns, etc. **Small box, 15c; by parcel post, 20c. Large box, 25c; by parcel post, 35c.**

Asters—Grown side by side in same kind of soil. Four weeks old. The plant on the left shows effect of using Nitro Fertile.

Nitro-Fertile

Nitro-Fertile—An odorless liquid fertilizer for house plants, flowers, lawns, vegetable garden, shrubbery, and fruit trees, containing all the necessary food for plant life in correct proportions. Being in liquid form it is easily applied throughout the plant life with unusual and prompt results. Improves the growth, bloom and foliage.

Nitro-Fertile is put up in glass containers, and sold at the following prices: Directions on every package.

Pints	$ .40
Quarts	.60
Half Gallons	1.10
Gallons	2.00
10 Gallon Kegs, per gallon	1.90
25 Gallon Barrels, per gallon	1.80
50 Gallon Barrels, per gallon	1.60

Special quotations in bulk.

One gallon of Nitro-Fertile makes 120 to 240 gallons of commercial fertilizer.

HYDRATED OR AGRICULTURAL LIME.

This is a fine powdered lime, having all the properties of the lump or unslacked lime. Treated by a special process, it retains all the properties of the regular burnt lime. It is very strong and will burn if applied too freely. Excellent to use in your garden. Acts quickly and surely. **40-lb. sack, 60c; per ton, sacked in burlap, $16.00.**

Flower Pots, Etc.

Standard Flower Pots
(Without Saucers)

2 inch, doz., 15c; 100	$. 50
2½inch, doz., 20c; 100	.75
3 inch, doz., 25c; 100	1.00
4 inch, doz., 35c; 100	1.50
5 inch, doz., 45c; 100	2.00
6 inch, doz., 60c; 100	3.00
7 inch, each, 10c; doz.	1.00
8 inch, each, 15c; doz.	1.50
9 inch, each, 20c; doz.	1.75
10 inch, each, 25c; doz.	2.50
12 inch, each, 50c; doz.	5.00
13 inch, each	.75
14 inch, each	1.25
16 inch, each	1.75
18 inch, each	2.00

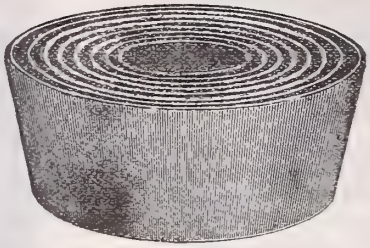
Richmond Cedar Plant Tubs

Made of selected White Cedar and are bound with electric welded hoops, strong, and durable, at a moderate price. Prices as follows f, o, b, Memphis:

No. 3 Diameter 8 inches, each	$ .40
No. 5 Diameter 10 inches, each	.75
No. 7 Diameter 12 inches, each	1.00
No. 9 Diameter 14 inches, each	1.25
No. 10 Diameter 15 inches, each	1.35
No. 11 Diameter 16 inches, each	1.50
No. 13 Diameter 18 inches, each	1.75

Neponset Paper Flower Pots.

2½inch, per 100,..$ .50; per 1000..$4.00
3 inch, per 100,.. .75; per 1000.. 5.00
4 inch, per 100,.. 1.00; per 1000.. 7.50
By parcel post, add 10c per 100 to above prices.



Fern Pans.

4¾ inch, each	$ .10
5½ inch, each	.15
6¼ inch, each	.20
8 inch, each	.25
10 inch, each	.30

Flower Pot Saucers.

3 inch, doz.	$ .15
4 inch, doz.	.20
5 inch, doz.	.25
6 inch, doz.	.30
7 inch, doz.	.50
8 inch, doz.	.60
9 inch, doz.	1.00
10 inch, doz.	1.25
12 inch, doz.	2.00
15 inch, doz.	3.00

Fancy Fluted Flower Pots

No. 88—8 inch Fancy Pot, with saucer ....each	$ .40
No. 89—10 inch Fancy Pot, with saucer ....each	.60
No. 90—12 inch Fancy Pot, with saucer ....each	.90

Terra Cotta Hanging Baskets.

7 inch Terra Cotta Basket	$ .15
8 inch Terra Cotta Basket	.25
9 inch, Terra Cotta Basket	.30

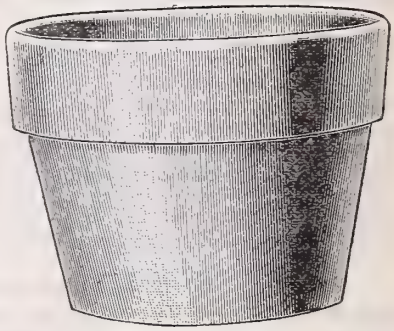
Brass Chains for hanging, 5c per running foot.

No. 17—7 inch Terra Cotta Basket with lining and chain, each	50c
No. 18—8 inch Terra Cotta Basket with lining and chain, each	55c

Fancy Jardiniers and Pots

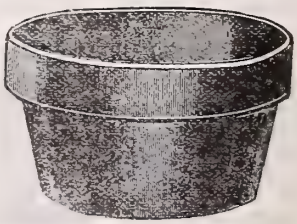
A new line of extra quality; every one a handsome ornament. Can be used either indoors or outside.

No. 7—15 inch Terra Cotta Jardiniere ....each	$3.50
No. 10—11½ inch Terra Cotta Jardiniere ....each	2.00
No. 6—14½ inch Terra Cotta Jardiniere ....each	3.00
No. 11—9½ inch Terra Cotta Jardiniere ....each	2.00
No. 6—11½ inch Gray Stone Jardiniere ....each	4.00
No. 2—19 inch Gray Stone Jardiniere ....each	9.00
No. 16—11½ inch Gray Stone Jardiniere ....each	4.00
No. 18—19 inch Gray Stone Jardiniere ....each	8.50
No. 7P—17 inch, Terra Cotta Jardiniere, with pedestal..each	9.00
No. 2P—19 inch Gray Stone Jardiniere, with pedestal..each	17.00
No. 14—15 inch Gray Stone Window box, with linings....	5.00



Azalea or 3-4 Size Pots

5 inch, doz.	$ .60
6 inch, doz.	.75
7 inch, each, 10c; doz.	1.00
8 inch, each, 15c; doz.	1.50
10 inch, each, 25c; doz.	2.50
12 inch, each, 50c; doz.	5.00



Bulb or 1-2 Size Pots

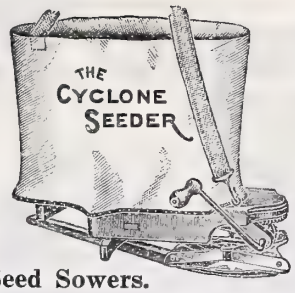
6 inch, each	$ .15
7 inch, each	.20
8 inch, each	.25
10 inch, each	.30
12 inch, each	.40
14 inch, each	.50

Prices on Flower Pots are packed f. o. b. Memphis. We cannot send them by parcel post excepting where noted.

Wire Hanging Baskets and Plant Stands

Wire Window Shelf.

No. 4 Half-Round Wire Plant Stand.

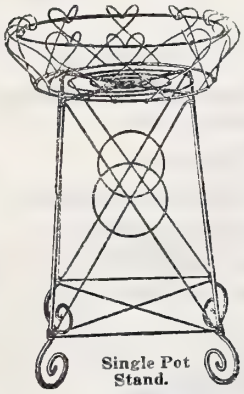


Wire Window Shelf.

A serviceable shelf for little money. Easily attached to window frame with two screw eyes. Made in two sizes.

30 in. long, 8 in. wide, each.....$ .90
By parcel post, each 1.20
33 in. long, 8 in. wide, each..... 1.00
By parcel post, each 1.35

Wire Hanging Basket.



Single Pot Stand.

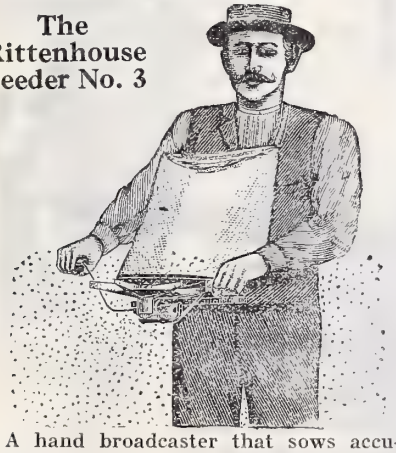
Wire Hanging Basket.

	Par.	Post
8 inch, each	$ .15	$ .30
10 inch, each	.25	.45
12 inch, each	.35	.55
15 inch, each	.40	.65

Single Pot Stands.

Especially for specimen plants. Very strong; 12 inches in diameter; 19 inches high to shelf. **Each, $1.00; 6 for $5.40. By parcel post, each, $1.35.**

The Rittenhouse Seeder No. 3



A hand broadcaster that sows accurately. Has been on the market 24 years. Always gives satisfaction. The Rittenhouse Seeder has an agitator or stirrer which revolves over the feed opening and keeps it clear so that the seeds run out evenly. Furthermore, the feed opening is so made that no matter whether you sow large or small seed, equal quantities will be distributed to the right and left. Well painted and enameled finish. The best built of Seeders. The most widely used type. Sack holds one-half bushel. Steel frame, convenient hand hold and body shield.

Price, each, $1.50; 3 for $4.00; by parcel post, $1.70 each.

Wire Plant Stands.

These are convenient, and make a handsome effect when filled with plants.

No. 4 Half Round—This is one of our most attractive stands; holds about 30 pots; is 48 inches wide, 31 inches deep. **Each, $5.00.**

No. F-5 Half Round—Same as above, but has arch and hanging basket. The stand and arch is 6 ft. 4 in. high. A beautiful wire stand. **Price, $6.50.**

No. F-6—Square stand with 3 shelves, 3 ft., 3 in. long. **Price, each, $5.00, with arch, $6.50.**

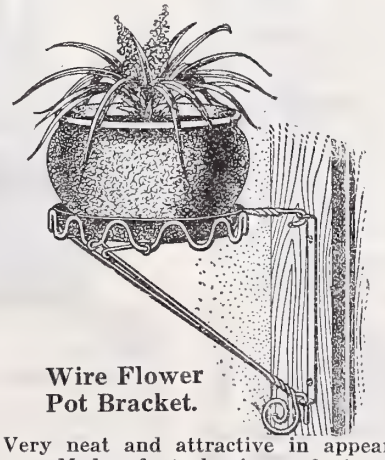
No. F-6 Square Stand with Arch

Cemetery Vase

Cemetery Vase.

A rich brown glazed vase for cemetery use, glazed both inside and outside, supplies a long-felt want.

	Par.	Post
No. 1, 3½x10 in., each.....$	.35	$ .50
No. 2, 4 x12 in., each.....	.40	.60
Unglazed, 4-in. Cemetery Vase, each	.10	.25



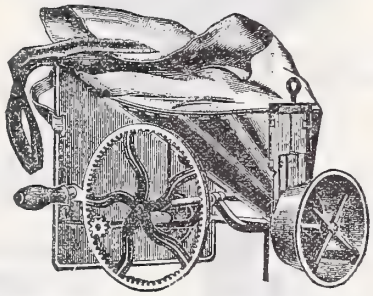
Wire Flower Pot Bracket.

Very neat and attractive in appearance. Made of steel wire and tinned after being made. Very strong. Easily put up and instantly removed. Made in two sizes.

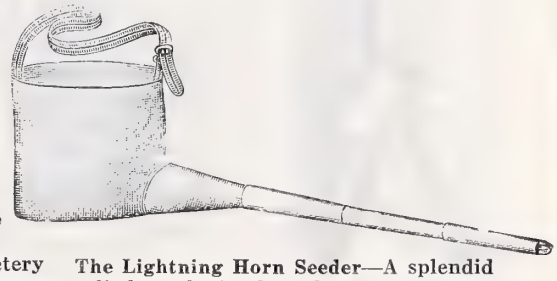
5½ in. in diameter, each 15c; doz., $1.50; by parcel post, each, 20c.
6½ in. in diameter, each 15c; doz., $1.60; by parcel post, each, 20c.

Seed Sowers.

Cyclone Seed Sower—Will sow timothy, clover, oats, rye, wheat, millet, grass seeds, peas, sorghum, etc. Distributes evenly, works perfectly; has an agitating feed plate, which insures a uniform flow of seed. **Price, each, $1.50; by parcel post, $1.70.**



Cahoon Broadcast Seeder—One of the best seeders manufactured, and sows all kinds of grain, clover seeds, etc., rapidly and evenly. **Price, each, $3.00; by parcel post, $3.30.**



The Lightning Horn Seeder—A splendid little tool, simple and easy to operate. Will sow any fine seed like clover, lespediza, timothy, alfalfa and grasses. Holding the tube downward wind won't blow seed away. We know this seeder to be good. **Price, $1.00; by parcel post, $1.10.**

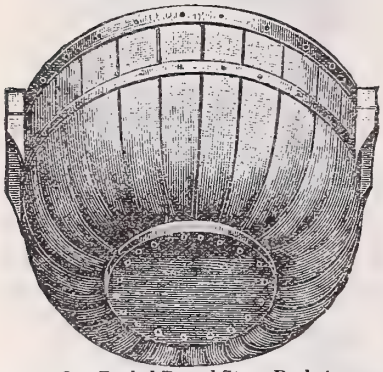
Little Wonder Seed Sower—Simple, strong and practical. Especially recommended for sowing grass seed. **Price, each, $1.25; by parcel post, $1.50.**

Thompson's Wheelbarrow Seeders—Will sow clover and grass seed, either mixed or separate; graduated to sow in any quantity per acre. Twenty to thirty acres can be sown daily by using this machine. Single hopper 14 feet in length. **Each, $8.50; f. o. b. Memphis.**

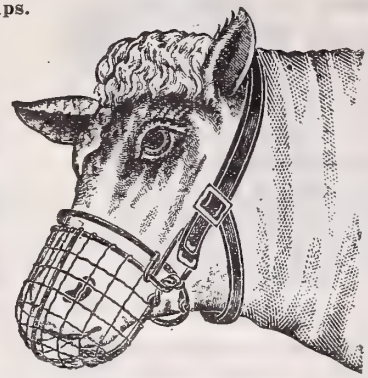
Eureka Seed Drill—This is an excellent low-priced, reliable seed drill. It has proved a "decided hit" for those who plant vegetables for home use. It weighs only 3 lbs., is a little beauty and will last many years. **Each, $1.00; by parcel post, $1.10.**

Miscellaneous Garden Tools

Our stock in this department is complete. On account of want of space, we are unable to list everything or describe those priced. Write us for what you want. Prices given do not include parcel post charges. If you wish any tools by parcel post, add extra funds for stamps.



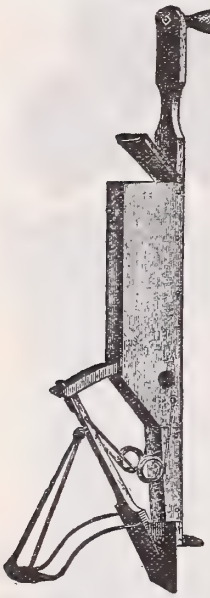
One Bushel Round Stave Basket



Shaw's Calf Weaner

No. 5 Garden Hoe Hall Cultivator

Asparagus Buncher, Acme	each	$1.50
Asparagus Knife, Goodel	each	.50
Baskets, 1 bu., round stave	doz.	1.50
Baskets, ½ bu., round stave	doz.	1.50
Baskets, ¼ bu., market, split	doz.	.40
Baskets, ½ bu., market, split	doz.	.40
Baskets, galvanized wire, 1 bu.	each	.50



One Hand Segment Corn Planter

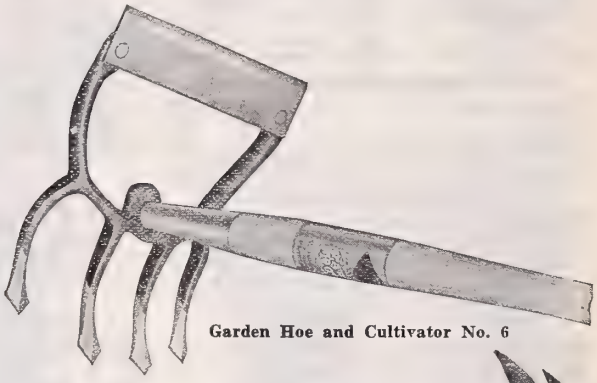
POP CORN SHELLER

A handy little tool especially made to shell pop corn. Removes the grains quickly from the smallest ear without breaking the corn or cob. Does the work clean and thoroughly.
Price, each $1.50; by parcel post, $1.80.

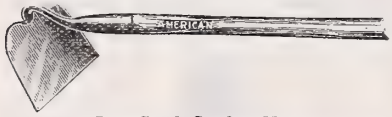
Acme Hand Corn Planter.

Corn Planters, two-hand, Acme	each	$1.00
Corn Planters, one-hand, Segment	each	1.25
Feed Cutters, Maryland	each	2.50
Fork, Transplanting, English Steel	each	.35
Fork, Transplanting, cast steel	each	.10
Fruit Pickers, Galvanized wire	each	.75
Fruit Pickers, with 10-foot handle	each	1.00

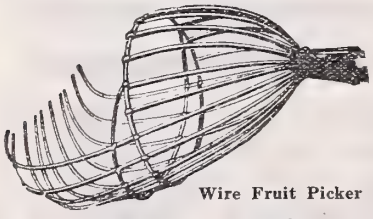
Garden Hoe and Cultivator No. 5	each	$ .25
Garden Hoe and Cultivator No. 6	each	.45
Corn Knives, hand	each	.50
Corn Shellers, hand, Black Hawk	each	2.50
Corn Huskers, hand, Rex	each	.25
Calf Weaners, Shaw's Basket, small	each	.50
Calf Weaners, Shaw's Basket, medium	each	.55
Calf Weaners, Shaw's Basket, large	each	.60
Calf Weaners, Hoosier, prong	each	.50
Dibbers, Iron, for Transplanting	each	.50



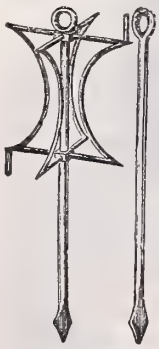
Garden Hoe and Cultivator No. 6



Cast Steel Garden Hoe

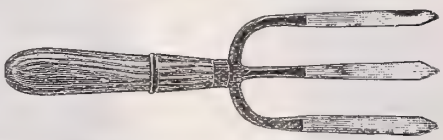


Wire Fruit Picker



Garden Reel

Garden Hoe and Cultivator No. 4



Transplanting Fork

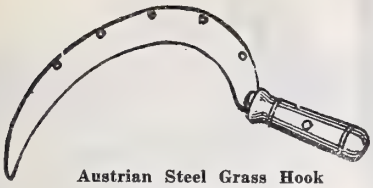
Steel Garden Rake

Warren Garden Hoe

Garden Hoe, cast steel, 6-inch	each	$ .40
Garden Hoe, cast steel, 7-inch	each	.50
Garden Hoe, Planters', 6-inch	each	.40
Garden Hoe, Planters', 7-inch	each	.50
Garden Hoe, Planters', 8-inch	each	.60
Garden Hoes, detachable, triangle	each	.60
Garden Hoes, Onion, 1 prong	each	.25
Garden Hoes, Onion, 2 prong	each	.35
Garden Hoe, Warren, 6-inch	each	.75
Garden Hoe and Cultivator No. 4	each	.35

Garden Hoes, Onion, Southern Queen	each	$ .50
Garden Hoes, Crescent double bit	each	.60
Garden Hoes, Dig Easy, double-edged	each	.50
Garden Set, Ladies', 3 pieces	set	1.25
Garden Rake, 10 teeth, steel	each	.55
Garden Rake, 12 teeth, steel	each	.65
Garden Rake, 14 teeth, steel	each	.75
Garden Reel, galvanized	each	1.00

Norcross 5 Prong Garden Cultivator



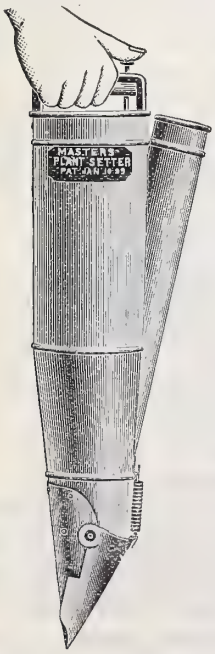
Austrian Steel Grass Hook

Pruning Shears R-50

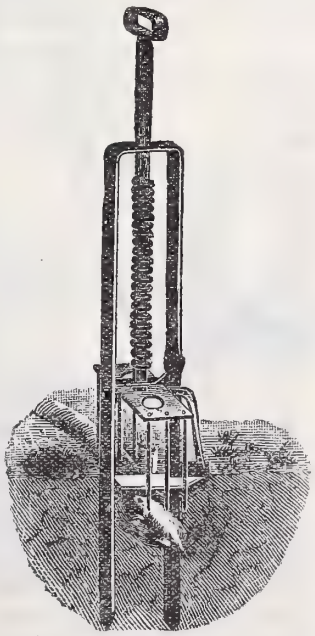
Norcross Midget Hand Cultivator

3 Prong Hay Fork

Garden Cultivator, Norcross, 5-prong	each	$ .75
Garden Cultivator, Norcross, 3-prong	each	.50
Garden Cultivator, Norcross, Midget	each	.35
Grass Hooks, Clipper	each	.35
Grass Hooks, Austrian steel	each	.40
Grass or Sheep Shears, Wilkinson's	each	1.00
Hay Fork, 3 prong, short handle	each	.50
Hay Fork, 3 prong, long handle	each	.55

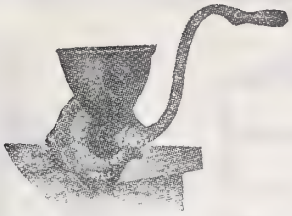


Masters Plant Setter

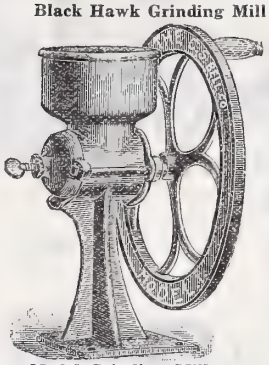


Reddick Mole Trap.

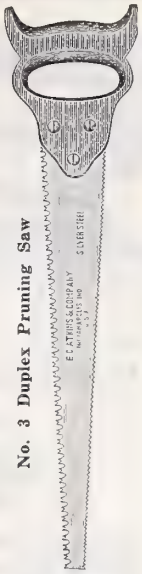
Hand Cabbage Cutter	each	$ .75
Hedge Shears, 9-inch	each	1.25
Hedge Shears, 10-inch	each	1.50
Ladies' Garden Set, 3 pieces	set	1.25
Lawn Mowers, Electric, 14-inch	each	5.00
Lawn Mowers, Electric, 16-inch	each	5.50
Lawn Mowers, Norka, 12-inch	each	2.25
Lawn Mowers, Calumet, 12-inch	each	2.25
Lawn Rake, wire, double edge	each	.50
Lawn Rake, wood, Ole Olson	each	.50
Mole Trap, Reddick	each	.75
Manure Fork, 4-prong	each	1.00



Black Hawk Grinding Mill

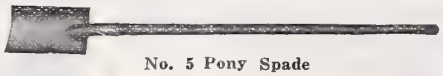


Model Grinding Mill

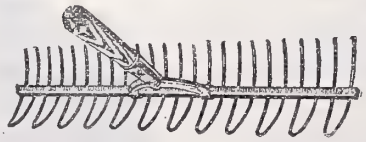


No. 3 Duplex Pruning Saw

Mills, Grinding, Red Chief	each	$2.00
Mills, Grinding, Black Hawk	each	3.00
Mills, Grinding, Stovers'	each	5.50
Mills, Grinding, Model No. 1	each	2.50
Mills, Grinding, Model No. 2	each	4.45
Mills, Grinding, Model No. 3	each	6.40
Mills, Rex dry bone	each	4.00
Measures, wooden, 1 qt.	each	.15
Measures, wooden, 2 qt.	each	.20
Measures, wooden, 4 qt.	each	.20
Measures, wooden, 1 pk.	each	.25
Pruners, Waters', 10-foot	each	1.50
Pruners, Favorite, Saw, 8-foot	each	1.50
Pruning Saw, Duplex No. 3, 12-inch	each	.75
Pruning Saw, Duplex No. 3, 16-inch	each	.90
Pruning Saw, Duplex No. 3, 18-inch	each	1.00
Pruning Saw, Duplex No. 3, 20-inch	each	1.25
Pruning Shears, R 50	each	.50
Pruning Shears, R 65	each	1.00
Pruning Shears, R 85	each	1.50
Pruning Shears, Ladies', Nickeled	each	1.00
Pruning Saw, Chisel attached	each	1.00
Pruning Knife, German steel	each	.75
Potato Planter, hand, Acme	each	1.00
Potato Hook, 4-prong	each	.85
Potato Hook, 5-prong	each	1.25
Plant Setters, Masters'	each	3.75
Putty, English Glazing, 10-lb. can	each	1.25
Pruning or Lopping Shears	each	1.50
Raffia, for Weaving Hank	each	.75
Root Cutter, Banner	each	3.00
Spades, Ames' Best	each	1.25
Spades, Bluff City	each	.85
Spading Fork, 4-prong	each	.75
Spading Fork, 5-prong, heavy	each	1.25
Spade, Pony No. 5 for ladies	each	.50
Scythe Blade, 30-inch Austrian steel	each	1.00
Scythe Blade, 32-inch Austrian steel	each	1.25
Scythe Blade, 24-inch Bush steel	each	.75
Scythe Handles	each	.75
Scythe Stones, Darby Creek	each	.15



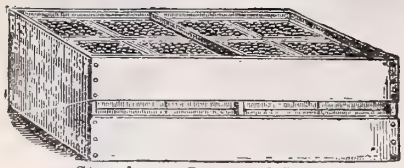
No. 5 Pony Spade



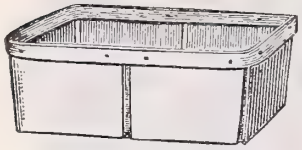
Wire Lawn Rake

4 Prong Manure Fork

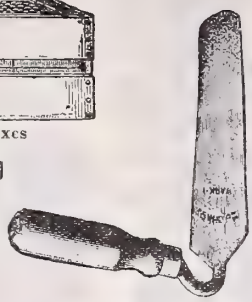
Garden Spade.



Strawberry Crate and Boxes



One Gallon Tomato Basket



Hoe Trowel No. 217A

Ladies' Floral Trowel

Clipper Fan Mill and Seed Cleaner

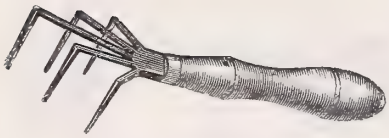
The N. W. Lawn Trimmer

Strawberry Boxes, K. D., Leslie	per 1000	$4.00
Strawberry Boxes, American Style	per 1000	5.00
Strawberry Crates, K. D., Leslie	per 100	10.00
Strawberry Crates, American	per 100	15.00
Tomato Baskets, 1-gallon	per 100	1.25
Tomato Twine, Jute, 2-ply	per lb.	.20
Thermometers, Hot Bed	each	1.50
Thermometers, Standard, Weather	each	.35

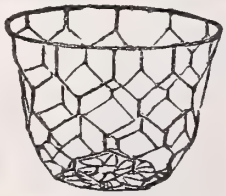
Garden Trowel No. 211

Trowels—Garden

No. 211 6-inch Best Trowels	each	$ .50
No. 211 4½-inch Berry Trowel	each	.50
No. 212 6-inch Steel Trowels	each	.25
No. 213 6-inch Forged Trowels	each	.10
No. 216 6-inch Ladies' Floral Trowels	each	.25
No. 217A 6-inch Transplanting Hoe Trowel	each	.50
No. 217 7-inch Transplanting Trowel	each	.25
No. 219 Cleves Angular Trowel	each	.35
No. 220 Long-Handled Trowel	each	.50
Tree Protectors, Veneer	per 100	1.50



Excelsior Hand Weeder



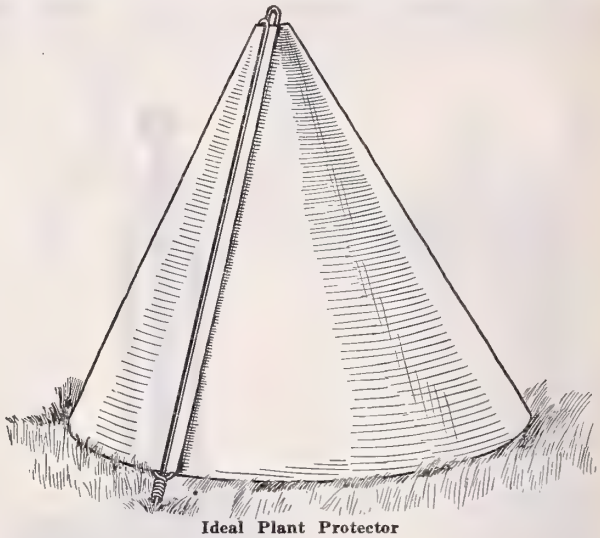
Wire Horse Muzzle

Weeder, short, hand	each	$ .15
Weeders, Excelsior, hand	each	.25
Weeders, Eureka, hand	each	.50
Weeders, Lang's, hand	each	.25
Weeders, Hazeltine, hand	each	.25
Weeders, Long Handle, Fork	each	.50
Weeders, Combination, hand	each	.50
Weeders, Magic, hand	each	.50
Weeders, Cleveland's Lawn	each	.75
Weeders, Finch, Lawn Edging	each	.75
Weeder, Hall, Dandelion Puller	each	.50
Wire Horse Muzzle, each, 15c	doz.	1.50
Wire Hen's Nest, each, 20c	doz.	1.50

NOTICE.—Any small tools can be forwarded by parcel post. If you wish them sent in that manner, send extra money to cover stamps, as above prices are all f. o. b. Memphis.

Clipper Fan Mill and Seel Cleaner—This is an up-draft fanning-mill and does the best work in cleaning all kinds of seed and grain; more of these are used by seed dealers than all other makes combined, and farmers would save the price of a mill in many cases by cleaning and grading up their grain before selling. A Clipper will pay for itself in one year by the increase in yield resulting from carefully cleaned seed grain. **Price, No. 1 B Clipper Mill, $25.00, or if sent direct from the factory in Michigan, only $22.00.**

The N. W. Lawn Trimmer—The latest in lawn tools. No stooping or lame backs with the N. W. Lawn Trimmer, this work is accomplished the same as with hand shears, but without the stooping, therefore easier and quicker. You simply walk along the same as behind the mower. **Price, each, $1.50; by parcel post, each, $1.90.**



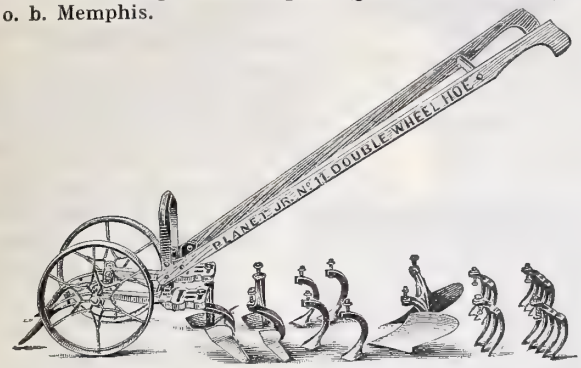
Ideal Plant Protector

Ideal Plant Protector.

Protects plants from frost and cold. Most exhaustive tests have proven that the **"Ideal Plant Protector" will protect a plant against injury** from frost, from rain, from hail and from wind. The protector being made of dry, water and frost-proof cardboard, which protects the plant from rain or hail, and the wire foot being pressed into the ground, on the wind side, and the **Cover Close to the Ground,** so that the wind cannot get under, and the covers being cone-shape, the wind only presses it closer to the ground. The **"Ideal Protector"** is made of a heavy cardboard, thoroughly water and rain-proof. The rain does not hurt them. The hail does not hurt them. They are simple, durable and easy to handle. The gardener who uses **Ideal Plant Protectors** can safely sow seed two weeks earlier than usual, as they protect all tender plants, such as Tomato, Pepper, Cucumber, Egg Plant, Squash, etc., from frost. Made in two sizes—No. 10, 10 inches high and 10 inches in diameter, and No. 12, 12 inches high and 12 inches in diameter. **Price, No. 10, 25c per doz.; $2.00 per 100; $15.00 per 1000. Price, No. 12, 30c per doz.; $2.25 per 100; $18.00 per 1000. By parcel post, No. 10, 40c per doz.; $2.60 per 100. No. 12, 45c per doz.; $2.85 per 100.**

Planet, Jr., Implements.

The best tools on the market. On account of limited space we are unable to illustrate fully these splendid implements, but for the asking we will be pleased to mail a fully illustrated and descriptive catalogue. Quotations below are all f. o. b. Memphis.



Planet, Jr., No. 11, Double Wheel Hoe

Garden Wheel Hoes.

Planet Jr. No. 11—Double wheel hoe $9.00
Planet Jr. No. 12—Double wheel hoe 7.00
Planet Jr. No. 13—Double wheel hoe 4.75
Planet Jr. No. 16—Single wheel hoe 5.85
Planet Jr. No. 17—Single wheel hoe 5.00
Planet Jr. No. 18—Single wheel hoe 3.50
Planet Jr. No. 19—Garden Plow 3.50
Planet Jr. Firefly Hand Plow 2.25

Garden Drill and Hill Seeders.

Planet Jr. No. 1—Drill and wheel hoe ..... $ 9.50
Planet Jr. No. 2—The best drill 7.50
Planet Jr. No. 3—Hill seeder 10.50
Planet Jr. No. 4—Hill and drill seeder 11.00
Planet Jr. No. 5—Large size seeder 13.00
Planet Jr. No. 25—Hill and drill seeder 13.50
Planet Jr. No. 28—Hill and drill seeder and cultivator... 15.00
Planet Jr. No. 29—Hill and drill seeder 11.50

Horse Hoes and Cultivators.

We offer these at following special prices to close them out:
Planet Jr. No. 4—Horse hoe without wheels $6.00
Planet Jr. No. 9—Horse hoe without wheels 4.50
Planet Jr. Twelve-tooth harrow, plain 5.00
Price list of Planet Jr. steels and extra parts on application.

Wizard Corn Dropper

Standard Line of Garden Tools.

This is a new line of garden tools made in Iowa, which promises to take a leading place among the gardeners. They are invented by a practical garden man, and do remarkably good work in all kinds of garden operations. The line embraces about a dozen different garden tools, but we have chosen a few of the best ones to offer here.

No. 4 Standard Double and Single Wheel Hoe, Cultivator, Rake and Plow ..... Price, $5.00

No. 12 Standard Single Wheel Hoe, Plow, Cultivator, Hill and Drill Seeder ..... Price, $7.00

No. 14 Standard Hill and Drill Seeder complete.... Price, $6.00

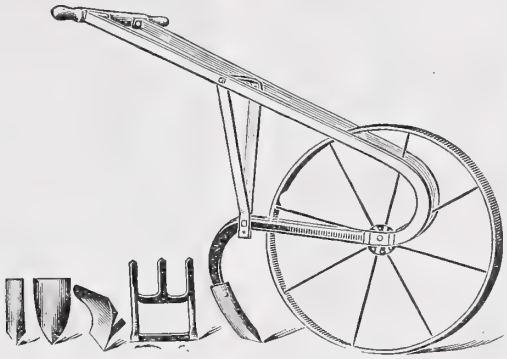
No. 22 Standard Single Wheel Hoe and Cultivator, Rake and Plow ..... Price, $4.50

The Wizard Corn Dropper

This is a little device that can be attached to any hoe handle. A slight pull causes the corn to drop 2, 3 or more grains, as you regulate it. For replanting, or dropping cow peas in the corn, it is useful, convenient and certain. **Price, 75c each; by parcel post, 85c.**

Hall Cultivator Attachments for Garden Plows

This prong cultivator can be attached to any make of garden cultivator. It has all features of a hoe cultivator with the labor and time saving advantages of a wheel cultivator. **Price, each, 50c; by parcel post, 70c.**



Leader No. 3, Garden Plow

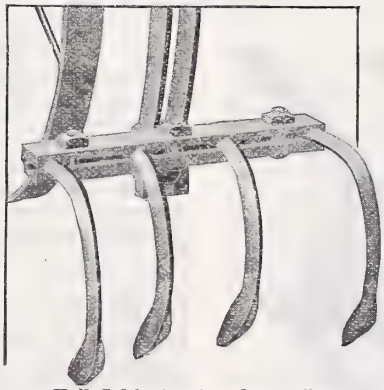
Hand Garden Plows.

The Leader No. 3—The most inexperienced and ignorant laborer on earth can handle this tool with entire success. All kinds of work can be done with this plow and combination of tools; plowing and breaking of the ground in spring and harrowing, cultivating, hilling and weeding. **Price, each, $2.50.**

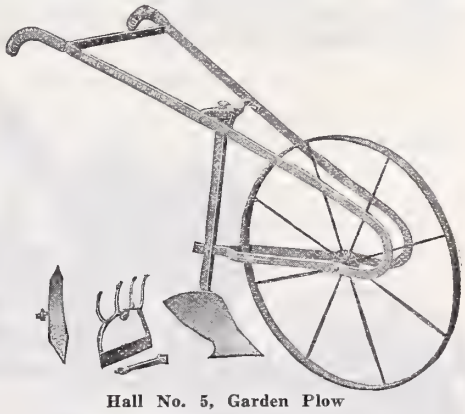
The Hall No. 5 Garden Plow

It's the easiest running plow you ever had your hands on—instead of pushing against the axle, the handles extend ahead of the axles, which affords a balanced and lighter draft.

The wheel and tools are directly in line. Adjustable handles, which are all steel, to proper working height for boy or man. Adjustable draft for light or deep cultivation. 24-inch wheel—heavy steel rim—3/8-inch oval spokes—wheel bushed so it can't bind—equipped with 5 tools. Weight 25 pounds. **Price, each, $3.00.**

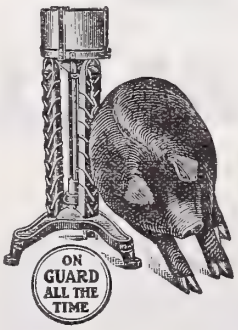


Hall Cultivator Attachment For Garden Plows



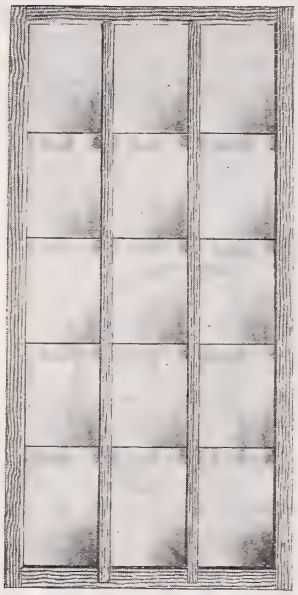
Hall No. 5, Garden Plow

The Rowe 'New Idea' Hog Oiler

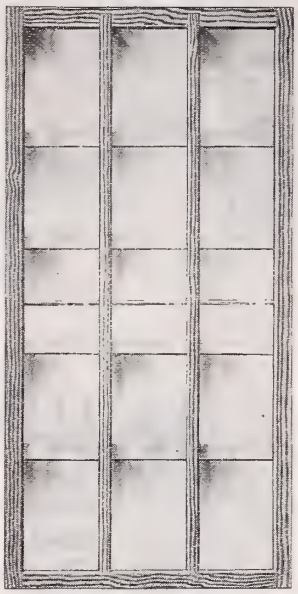


Will kill the lice on your hogs. Lice sap the hog's vitality—weaken it—prevent its putting on fat and weight,—makes the hog susceptible to disease germs. The "New Idea" Hog Oiler will destroy these blood-sucking parasites. It is simple in construction,—no complicated parts—nothing to get out of order—no valves, springs, wheels, chains, cylinders. Most economical in use of Oil. Lowest in price. Strongest construction. Guaranteed. Hogs will use it. It will make you money. **Price, Rowe New Idea Hog Oiler, each, $7.75, 2 for $15.00, 3 for $21.75. Medicated oil, 5-gal. can for $2.50; barrel lots, 40c per gal.**

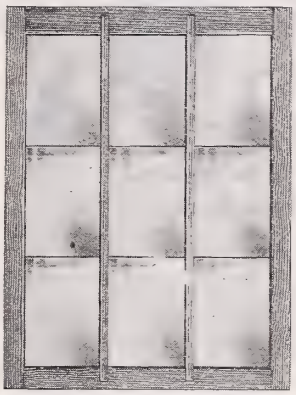
Hot Beds Will Bring You Profit and Pleasure



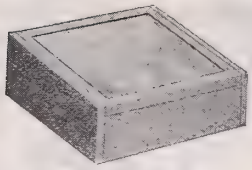
No. E-544 Hot Bed Sash
Clear White Pine



No. E-442 Hot Bed Sash
Cypress, Nail Bar



No. E-545 Pony Sash



No. E-546 Melon Sash

PONY SASH

No. E-544, Hot Bed Sash—Glazed 10-inch glass, 3 rows. Manufactured of best clear White Pine. Size 3 feet by 6 feet 1⅜ inches thick. Price below in lots of one, five and twenty-five

F. O. B. factory, in lots of 5 @ $1.80 each. In lots of 25 @ $1.65 each. F. O. B. Memphis, each $2.50. In lots of 5 @ $2.10 each. In lots of 25 @ $1.90 each.

No. E-442, Hot Bed Sash—Glazed 10-inch glass, 3 rows. Manufactured of best clear special Cypress. Special strengthening bar in center. Size 3 feet wide by 6 feet high, 1⅜ and 1¾ inches thick. Priced below in lots of one, five and twenty-five.

F. O. B. factory, in lots of 5 @ $2.00 each. In lots of 25 @ $1.90 each. F. O. B. Memphis, $3.00 each. In lots of 5 @ $2.50 each. In lots of 25 @ $2.15 each.

No. E-545 Pony Sash—Glazed 10-inch glass, 3 rows. Manufactured of best clear White Pine. Size 3 feet by 4 feet, 1⅜ inches thick. Priced both in single and double strength glass. This sash is known as a Pony sash and especially adapted for amateur gardeners. Is light and easy to handle. Will last a life time and is very low in price:

Price of sash with single strength glass, f. o. b. factory, in lots of 5 @ $1.25 each. In lots of 25 @ $1.20 each. f. o. b. Memphis, $2.00 each. In lots of 5 @ $1.75 each. In lots of 25 @ $1.60 each. Price of sash with double strength glass, f. o. b. factory, in lots of 5 @ $1.50 each. In lots of 25 @ $1.40 each. f. o. b. Memphis, @ $2.25 each. In lots of 5 @ $2.00 each. In lots of 25 @ $1.85 each.

No. E-546 Melon Sash—Size No 0, 1 foot, 3 inches, 1⅛ inches thick. Glazed one light of glass. Manufactured of best clear White Pine.

Also made: Size No. 00, 1 foot 8 inches by 2 feet, 1⅜ inches thick. Glazed one light of glass, made of best clear White Pine. Prices below are for sash only and do not include the frame that the **sash sets on:**

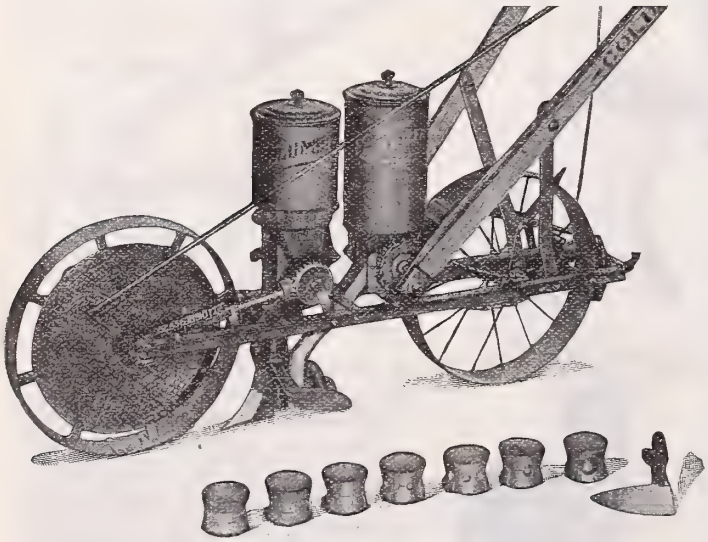
Price size No. 0, f. o. b. factory, each 50c; 5 for $2.00. size No. 0, f. o. b. Memphis, each $1.00; 5 for $3.00. Size No. 00, f. o. b. factory, each 75c; 5 for $3.25. Size No. 00, f. o. b. Memphis, each $1.25; 5 for $5.00.

Safe Delivery and Quality Guaranteed

We guarantee you safe delivery on our hot bed sash, hence you run no risk whatever in buying these sashes. We pack these sashes carefully. If the glass is broken or sash damaged, or anything wrong when you receive the goods, all you need to do is to send us the paid freight receipt with agent's notation, stating the condition of goods on arrival at destination.

We must have this statement of your agent in making claim against the railroad company for damages. In the case of broken glass, we will allow you to purchase the glass to replace if from your local dealer, sending us receipted bill, together with freight receipt with the agent's notation of damage, and we will promptly refund the cost of the glass.

The Way We Make Them—The regular stock size is 3 feet by 6 feet. The glass is set in finest greenhouse putty, the glass being laid the narrow way. The sashes are glazed with the well-selected American glass. The sashes are finished with a coat of good, raw linseed oil, thus protecting the wood. The frame of each sash is manufactured from carefully selected lumber, yard-dried and good stock. Every stick is sound, specially selected for hot bed sash use.



Columbia No. 11 Garden Seed Drill

The Columbia Seed Drill.

Will sow any kind of garden seed, large or small. The Columbia is the most complete and certain planter in the world, at the same time being very simple and easy to operate, being built on plain but scientific lines. The seed drops immediately into the cells or pockets formed in the seed cylinders, where nothing can disturb it, and is carried into the ground by revolutions of the cylinder. The Columbia Planter can be supplied plain and with the fertilizer attachment, either for hand or horse work. Write for catalogue and little booklet "Seed And Sowing" at once.

Price, No. 10 Columbia Plain Seed Drill ..... $ 11.50
Price, No. 11 Columbia Drill with Fertilizer Attachment 14.00

Farm and Garden Books.

These books are both useful and helpful to amateurs as well as gardeners. Most of them are fully illustrated. Profit by the experience of others. Sent by parcel post on receipt of price.

American Farm Book—By A. L. Allen $2.00
Alfalfa—Its Growth, Uses, Etc.—F. D. Coburn ..... .50
Asparagus Culture ..... .50
Broom Corn and Brooms ..... .50
Barn Plans and Outbuildings 1.00
Celery Culture ..... .50
Clovers and How to Grow Them—Shaw 1.00
Farm Drainage—French 1.00
Feeding Farm Animals 2.00
Fertilizers, Rural Science Series 1.50
First Lesson in Bee Keeping ..... .50
Gardening for Profit—Henderson 1.50
Gregory on Onion Raising—J. J. H. Gregory ..... .30
Insects and Insecticides—C. M. Weed 1.50
Mushroon Culture ..... .35
Peach Culture—Hon. J. Alexander Fulton 1.50
Play and Profit in My Garden—E. P. Roe 1.50
Potato Growing—By E. A. Rogers ..... .50
Practical Floriculture—Henderson 1.50
Soiling Crop and Silos—Shaw 1.50
Silos, Ensilage and Silage—Miles ..... .50
Soils and Crops—T. F. Hunt 1.50
Spraying of Plants—Ledman ..... .50
Study of Corn—Shoesmith ..... .50
The Peanut Plant—Its Cultivation and Uses ..... .50
The Principles of Fruit Growing—L. H. Bailey 2.00
Truck Farming at the South—A. Oemler 1.50
The New American Farm Book 1.50
Tomato Culture—J. W. Day ..... .35
The Young Farmer—Some Things He Should Know—Hunt 1.50
The A. B. C. of Corn Culture ..... .50

Nursery Department Strawberry Plants, Fruit Trees, Grape Vines, Etc.

Especial attention is called to the very superior quality of the Nursery Stock we supply. It is first-class in every respect, smooth, straight, handsome. No orders filled after April 1st, trees being mostly leaved at that time, and will seldom prove satisfactory.

EXTRA DISCOUNT—Notwithstanding the low prices we have put on all Fruit Trees, we make the following liberal offer when cash accompanies the order:

On orders amounting to $2.50 or over, at Catalogue prices only, the purchaser may select free one tree valued at 25c.

On orders amounting to $5.00 or over, at Catalogue prices only, the purchaser may select free trees or plants to value of 75c.

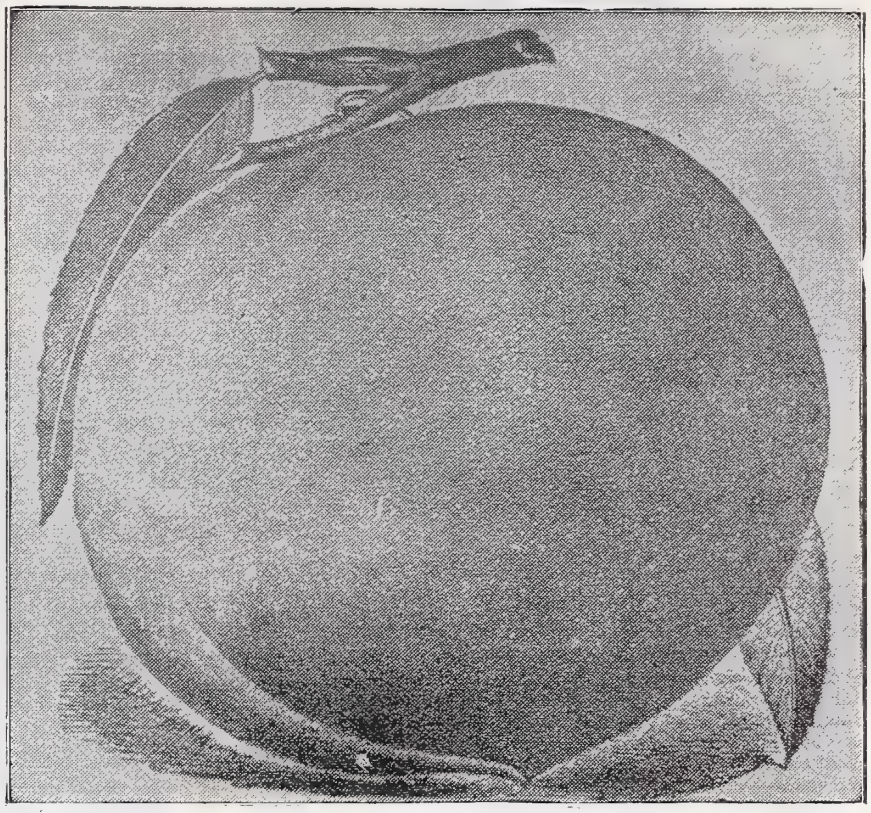
On orders amounting to $10.00 or over, at Catalogue prices only, the purchaser may select trees or plants to value of $2.00.

Bear in mind, this discount applies only on trees and plants in this department at regular prices, and you must select your discount from this department when you order Nursery Stock.

All prices are f.o.b. Memphis.

Trees and Plants in this department will be shipped separate from any flowers or greenhouse plants, at owner's risk.

Terms are strictly cash. We do not send out Trees or Plants C. O. D. under any conditions.



Champion Peach

Peaches.

2-year-old Trees .....each 25c; 6 for $1.25; 12 for $2.00
3-year-old Trees .....each 50c; 6 for 2.75; 12 for 5.00

CLINGSTONES.

Chinese Cling—Creamy white; ripens July 15.
Fitzhugh Lee—Creamy white, crimson blush; July.
Heath Cling—Pale yellow, fine; ripens September.
Indian Blood—Large, dark crimson; ripens August.
Lemon Cling—Deep yellow; ripens end of July.
Levy's Late—A fine, large late variety; ripens October.
Morris October—One of the best; ripens October 1.
Nix Late—A large, late clingstone from Georgia.
Old Mixon Cling—Yellowish white; ripens August.
Sneed, or Peeble's—Creamy white, half cling; ripens June.
Stonewall Jackson—Very fine; ripens July 15.
White English Cling—Very large, creamy white, with blush on sunny side, flesh very juicy; ripens August.

FREESTONES.

Admiral Dewey—Orange yellow, crimson cheek; June 15.
Belle of Georgia—Large white; ripens July 20.
Carmen—Freestone; ripens in June; large.
Champion—Immense size, white, red cheek; August.
Coleman's Choice—Freestone, large yellow; ripens July.
Crawford's Early—Yellow, juicy; ripens August.
Crawford's Late—Finest quality; ripens August 20.
Early Rivers—White, pink cheek; ripens July.
Ensley—Crimson yellow; ripens August 15.
Early Tillotson—White covered, red cheek; July 25.
Elberta—Flesh yellow, juicy and sweet; ripens August 1.
Greensboro—An early variety, large white; June 15.
Globe—Fine yellow; ripens October.
Heath Free—Very tender, juicy and melting; September.
Matthews' Beauty—Large yellow peach; August.
Mountain Rose—White, splashed carmine; ripens July 1.
Old Mixon Free—Yellowish white; ripens August 15.
Piquet's Late—Flesh yellow, sweet; ripens September.
Stump the World—Large, white, fine; ripens August 15.
Susquehanna—Fine canner; ripens July 30.
Triumph—Yellow; ripens June 1 to 15.
Wonderful—Handsome, productive; ripens October 10.
Yellow St. John—Golden yellow; ripens June 20.

APPLES.

2-year-old Trees .....each, 35c; 6 for $1.75; 12 for $3.00
3-year-old Trees .....each, 50c; 6 for 2.50; 12 for 5.00
Extra Heavy, large size, 8 ft. high.....each, 1.00; 6 for 5.00

Summer Varieties.

Early Colton—Yellowish white; ripens in July.
Duchess of Oldenburg—Yellow, striped red; ripens in July.
Early Harvest—Fine yellow; ripens in June.
Family—Yellowish, with crimson; ripens in July.
Horse—Large, yellow, fine for cooking; ripens in August.
May Pippin—Greenish yellow; ripens in May and June.
Red Astrachan—Greenish, covered crimson; ripens in June.
Red June—Dark crimson, fine grain, moderately juicy.
Summer Queen—Flesh yellow, firm, rich; ripens in May.
Yellow Transparent—Large, clear, yellow, juicy.

Fall Varieties.

Bachelor—Large, agreeable flavor; ripens in November.
Bell Flower—Oblong, fine rich yellow, juicy, acid.
Fall Pippin—Large, yellow; ripens in September.
Gloria Mundi—One of the largest apples; ripens in September.
Maiden's Blush—Large, pale yellow; ripens in September.
Rome Beauty—Large, red, white flesh.
Yates' Mammoth—Richly striped; ripens in November.

Winter Varieties.

Arkansas Beauty—Large, bright red; succeeds well.
Arkansas Black—Large, dark crimson, flesh yellow.
Ben Davis—Large, greenish yellow, striped with red.
Black Twig—Resembles the Wine Sap, except that it is from one-third to one-half larger.
Grimes' Golden—Golden yellow, crisp, tender, juicy.
Jonathan—Largest size; rich color, handsome variety.
Kentucky Streak—Large, handsome, flesh white.
Kinnard's Choice—Medium, flesh crisp, highly flavored.
Shockley—Waxen yellow, with crimson cheek.
Wine Sap—Rich, dark red, flesh fine, creamy yellow.

Burbank Plums

Plums.

2-year-old Trees .....each, $ .40; 6 for $2.00; 12 for $ 3.50
3-year-old Trees .....each, 1.00; 6 for 5.00; 12 for 10.00

Abundance—Large, sweet, juicy; very early, bright red.
Burbank—Large, clear, cherry red, very sweet.
Damson—Bluish purple, fine for cooking; ripens in August.
Red June—Purplish red, flesh yellow, solid, juicy.
Wild Goose—Very large and fine; ripens in June.
Wickson—Purple red, firm, sweet and juicy.

Standard Pears.

2-year-old Trees .....each, $ .40; 6 for $ 2.00; 12 for $ 3.50
3-year-old Trees .....each, 1.00; 6 for 5.00; 12 for 10.00
4-year-old Trees .....each, 2.00; 6 for 10.00; 12 for 15.00

Bartlett—Yellow, faint blush; ripens in August.
Clapp's Favorite—Resembles Bartlett; ripens in August.
Duchess D'Angouleme—Very large; ripens in October.
Flemish Beauty—Large, sweet; ripens in August.
Garber—Larger than Keiffer; beautiful yellow.
Koonce—Of large size and of good form and color.
Keiffer—Golden yellow, tinged with red on one side, remarkably free from blight; ripens in September.
LeConte—Large, of fair quality; ripens in August.

Grapes.

Strong 2-year vines .....each, 25c; doz., $2.00; 100, $10.00
By parcel post .....each, 35c; 6 for $1.50

Brighton—Large, coppery red; best quality.
Campbell's Early—Large, compact, black berry.
Concord—Large, black, juicy; sweet when ripe.
Delaware—Bunches small and compact; light red.
Early Ohio—The earliest black grape; bunches large.
Lutie—Very early, large red; free from rot.
Moore's Early—Large, black, earlier than Concord; fine.
Niagara—Berries large, sweet, greenish white.
Worden—Concord type, large in bunch and berry.

Apricots.

Strong 2-year-old Trees .....each, 40c; doz., $3.50

Early Golden—Small, pale orange, juicy and sweet.
Moorepark—Medium size, good keeper.
Russian—Of best quality, ripens early; very productive.

Quinces.

Strong 2-year-old Trees .....each, 40c; doz., $3.50

Champion—Large and handsome; tender and rich in flavor.
Orange—Large, round, golden yellow; very fine.
Rea's Mammoth—An improvement upon the Orange; much larger.

Mulberries.

Price .....each, 50c; doz., $5.00

Hick's Everbearing—Produces immense crops; splendid for poultry and hogs.

Cherries.

2-year-old Trees .....each, $ .40; 6 for $2.00; 12 for $ 3.50
3-year-old Trees .....each, 1.00; 6 for 5.00; 12 for 10.00

Black Tartarian—Black, juicy; ripens last of June.
Early Richmond—Fine, very early; ripens in May.
Governor Wood—Very large; ripens last of May.
Late Duke—Light red; ripens last of June.
May Duke—Large, dark red; ripens in May.
Sweet Spanish—A delightfully flavored yellow skin cherry. Productive and of best quality. Tree vigorous, quick grower.
Wright's Early—A native variety; ripens early.
Wright's Mammoth—Vigorous grower, fruit large.

Rocky Mountain Cherry.

A fruit for all people and all sections. One of the greatest novelties in the fruit line ever introduced. It bears every year and is as prolific as a currant bush. Sixteen quarts have been picked from a 3-year-old tree. Grows to a height of 4 feet and has never been affected by insects, black knot or other disease. The fruit is a rich red and changes to almost black when ripe, of good size, fine flavor and unsurpassed for preserves or eating. **Price, trees 18 inches high, each, 50c; 6 for $2.50; by parcel post, each, 70c.**

Crab Apples.

Each.....25c. **Dozen**.....$2.25

Golden Beauty **Red Siberian** **Yellow Siberian**

Japan Persimmons.

The Japan Persimmon is thoroughly adapted to the Cotton Belt. The fruit varies in color and shape. We offer two of the best kinds, well adapted to this latitude, in four distinct sorts. **Price, 2 to 4 feet, each, 50c.**

Fig Bushes.

Price, either variety, 1-year trees .....each, 40c; doz., $3.50
Brown Turkey—Medium size, very sweet, prolific, hardy.
Celestial—Very large, violet, good and productive.
Lemon—A beautiful lemon colored fig, very sweet.

Nectarines.

Strong 2-year-old trees .....each, 35c; doz., $3.00

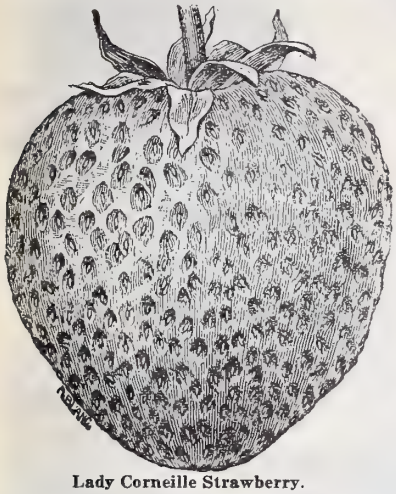
Magnolia Trees.

Price, trees 12 to 18 inches .....each, $1.00; 36 ins., each, $2.00
Price, trees 24 to 30 inches .....each, 1.50; 48 ins., each, 2.50

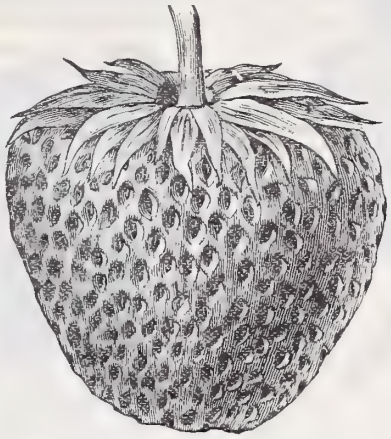
A Certificate of Inspection Tag from the State Inspector of Nurseries, showing our stock to be Free from San Jose scale and other injurious insects and diseases, will accompany each shipment.

Strawberries.

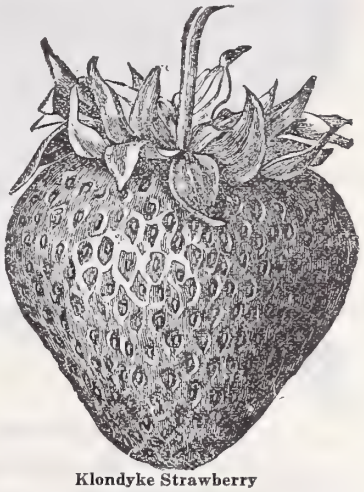
Plant in February, March, April and November on good ground, deeply worked and well manured. Set in rows 3½ feet apart, 15 inches in rows for field culture; 15 inches each way for garden. Cultivate clean, mulch late in the fall and uncover early in the spring. Remove mulch after fruiting and spade in a light dressing of manure.



Lady Corneille Strawberry.



Aroma Strawberry.



Klondyke Strawberry

New Strawberry, Lady Corneille—A wonderful new strawberry from Louisiana, ripens with Klondyke, but continues in bearing longer; berries large, rich, glossy red, slightly long, uniform in size and shape; rich, juicy, sweet and delicious. The plant is vigorous, with dark green glossy leaves, and stands drouth better than any other variety. Lady Corneille is a better berry than Klondyke for shipping, being larger, darker in color, and carries well in transit. Flowers perfect, therefore will produce crop when planted alone. **Price, by express, 25 for 50c; 100 for 75c; 500 for $2.50; 1000 for $4.00. By parcel post, 25 for 70c; 100 for $1.15; 500 for $3.00.**

Klondyke Strawberry—A Southern berry, one of the best; color dark red, and good size. Flowers perfect. **Price, by express, 25 for 25c; 100 for 60c; 500 for $2.00; 1000 for $3.00. By parcel post, 25 for 40c; 100 for 75c; 500 for $2.50.**

Lady Thompson Strawberry—Well known standard variety for home use; fruits large, slightly pointed, light red, but very sweet; perfect blooming. **Price, by express, 25 for 25c; 100 for 60c; 500 for $2.00; 1000 for $3.00. By parcel post, 25 for 40c; 100 for 75c; 500 for $2.50.**

Raspberries.

Plant in rows 5 to 6 feet apart, 2 to 4 feet in the row. Cut the tops off within a few inches of the ground when planted. After the fruit season, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then grow stout enough to stand without staking.

Cumberland—The largest black raspberry grown; immensely productive; quality fine; ripens very early. **Price, by express, each, 15c; 6 for 50c; 12 for 75c; 100 for $4.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.00.**

St. Regis Everbearing Raspberry—One of the greatest raspberries ever introduced. Plants of the St. Regis put out in the fall or early April gave ripe berries on the 20th of June. For four weeks thereafter the yield was heavy and the canes continued to produce ripe fruit without intermission until late October. The berries were large and beautiful, firm and full flavored, to the very last. The St. Regis is the only raspberry, as far as known, that is practically sure to produce a crop of fruit the season planted. **Price, by express, each, 15c; 6 for 60c; 12 for $1.00; 25 for $1.50. By parcel post, each, 25c; 6 for 75c; 12 for $1.25; 25 for $1.85.**

Cuthbert—Fruit large, red of excellent quality, yield very prolific; ripens middle of May, and continues for several weeks. **Price, by express, each, 10c; 6 for 50c; 12 for 75c; 100 for $3.00. By parcel post, each 20c; 6 for 75c; 12 for $1.00.**

Gregg—Blackcap; very productive, large size, firm, black. **Price, by express, each, 10c; 6 for 40c; 12 for 60c; 100 for $3.00. By parcel post, each, 20c; 6 for 55c; 12 for 85c.**

Gandy Strawberry—The best late variety; produces large even dark crimson fruit; a splendid shipper. **Price, by express, 25 for 25c; 100 for 60c; 500 for $2.00; 1000 for $3.00. By parcel post, 25 for 40c; 100 for 85c; 500 for $2.50.**

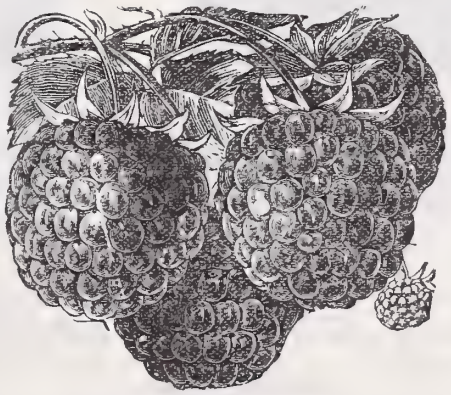
Aroma Strawberry—Very large, late maturing, berries solid, deep red, uniform in size; does well in this section. Perfect blooming. **Price, by express, 25 for 25c; 100 for 60c; 500 for $2.00; 1000 for $3.00. By parcel post, 25 for 40c; 100 for 75c; 500 for $2.50.**

Fall or Everbearing Strawberries.

A new species different from the ordinary strawberry, in that they bear in the fall. The regular sorts require a full year's growth to come into bearing and have berries then for only three or four weeks, while the Everbearing plants set out in the spring bear from July until freezing time the SAME YEAR THEY ARE PLANTED and then bear again the following spring, same as other kinds. Many persons have the impression that the fall—or everbearing strawberries are difficult to grow successfully. This is an error; their culture is almost as simple as the ordinary kinds. For full crops in autumn, it is best to remove all blossoms until about the first or middle of July. In all other respects they should be given the same treatment as other varieties of strawberries. **Price, Superb Everbearing, the best variety, are as follows: By express, 25 for 75c; 50 for $1.25; 100 for $2.00; 500 for $7.00. By parcel post, 25 for 85c; 50 for $1.40; 100 for $2.25; 500 for $7.50.**

Dewberries.

Lucretia Dewberry—The berries are far larger and incomparably better than any blackberry, and of unequaled excellence; soft, sweet and luscious throughout; of brightest glossy black color. **Price, by express, each 15c; 6 for 50c; 12 for 75c; 100 for $4.00. By parcel post, each, 25c; 6 for 65c; 12 for $1.00.**



Cumberland Raspberry

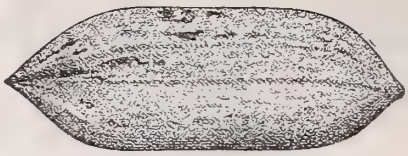
Currants.

Fay's Prolific—One of the most prolific, of excellent quality. **Price, by express, each, 15c; 6 for 75c; 12 for $1.00; 100 for $6.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.25.**

Gooseberries.

Downing—Large, pale green berries. **Price, by express, each, 20c; 6 for $1.00; 12 for $1.50; 100 for $8.00. By parcel post, each, 30c; 6 for $1.15; 12 for $1.75.**

Early Harvest Blackberry



Bradley Grafted Pecan

Scuppernong Grape

Carolina Poplar Tree

Blackberries.

Plant in good soil, in rows 5 to 6 feet apart, and 3 to 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

Himalaya Giant—A mammoth late blackberry, coming after the other berries are gone, ripens over a period of several weeks, making it especially desirable for family use. Fruit large, fine quality. **Price, by express, each, 15c; 6 for 75c; 12 for $1.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.25.**

Eldorado—Fruit large, roundish conical, rich glossy black; firm, juicy, sweet and excellent. **Price, by express, each, 15c; 6 for 50c; 12 for 75c; 100 for $4.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.00.**

Early Harvest—The earliest good blackberry, fruits well, of excellent quality. **Price, each,10c; 6 for 40c; 12 for 60c; 100 for $3.00. By parcel post, each, 15c; 6 for 50c; 12 for 75c.**

China Umbrella Tree.

Hawkeye Tree Protector

Hawkeye Tree Protector.

A sure protection against sun scald, rabbits, mice and other vermin. Keeps them from eating the bark on young trees. **100, $1.50; 50, $1.00; 12, 30c. By parcel post, 100 for $1.90; 50 for $1.35.**

Seedling Pecans.

These are raised from the largest thin shelled nuts.

Paper Shelled Seedling Pecans—The nuts are large and very thin shelled. **2 to 3 feet, each, 50c; doz., $5.00.**

Scuppernong Grapes.

Bunches seldom ever composed of more than 8 or 10 berries; berries round, of a bronze color, when fully ripe; vine is free from all disease and attacks of insects. **1-year, 50c; doz., $4.00; 2-year, each, 75c; doz., $7.50. By parcel post, 1-year, each, 65c; 2-year, each, 90c.**

Privet Hedge Plants.

California Privet—The great hedging plant. Remarkable for the beauty of its evergreen foliage and strong, regular, symmetrical growth. The foliage is dark green, very glossy and wax-like; hardy everywhere. Remove the unsightly fence and increase the value of your property by planting a California Privet hedge. Does well in all situations and under all conditions.

Amoor Privet—Retains its color remarkably well in the winter. Is quite hardy and makes a fine hedge.

Price, either kind—

1-year plants, 12 to 15 inches 25, $1.00; 100, $3.00
1-year plants, 18 to 24 inches 25, 1.25; 100, 4.00
2-year plants, 30 to 36 inches.....25, 2.00; 100, 5.00
By express only.

Grafted or Budded Pecans

The budded or grafted pecans will bear at six years of age, while the seedlings seldom commence to give fruit under ten years after planting. **Price, 2 to 3 feet, $1.00 each; 3 to 4 feet, $1.50 each.**

Bradley Pecans—Its good points are large size, thin shell, well filled and very prolific.

Frotscher Paper-Shell Pecan—One of the best; large, thin shell; prolific bearing.

Pride of the Coast—Nuts frequently two inches in length; shell moderately thin; nuts will run from 24 to 32 to the pound.

Shade Trees.

Price, trees 5 to 6 feet, 75c; 8 to 10 feet, $1.00 each.

American Linden	**Red Elm**
China Umbrella	**Judas or Red Bud**
Silver Leaf Maple	**Catalpa Speciosa**
Lombardy Poplar	**Weeping Willow**
Carolina Poplar	**Norway Maple**
Water Oak	**Sugar or Rock Maple**

Hardy Shrubs.

	2-year Plants	Doz.
Althea in 10 colors, each, Rose or Sharon	$ .30	$3.00
Calycanthus, sweet shrub, clove or allspice.....	.35	3.50
Crepe Myrtle, crimson	.35	3.00
Deutzia, assorted colors.....	.30	3.00
Forsythia, Golden Bell.....	.35	3.50
Japan Quince, per 100, $15.00.....	.25	2.40
Lilac, purple	.35	3.50
Philadelphus, Syringa	.30	3.00
Snowball Shrub	.35	3.50
Spirea, assorted	.30	3.00
Weigela, assorted	.35	3.50

Shrubs at wholesale. Parties wanting any of the above varieties in lots of 50 or 100 we quote same at $16.00 per 100, all full 2-year plants.

Holt's Mammoth Sage.

The plants are very strong growing, the first season attaining one foot in height; the leaves are very large and of unusual substance, strong in flavor, and of superior quality. **Price, by express, each, 25c; 6 for $1.25; 12 for $2.00. Price, by parcel post, each, 35c; 6 for $1.50; 12 for $2.50.**

Greenhouse Plants, Roses, Etc.

PLANTS BY PARCEL POST—We send free by parcel post all plants in this department at prices quoted. They are, however, not as large as those we send by express.

PLANTS BY EXPRESS—Prices quoted here do not include prepayment of express charges. The express size plants are larger and can be packed to better advantage, and we are sure that customers will not grudge the extra outlay in receiving larger and better plants than when sent by parcel post. Be sure to advise us if we shall send by express or parcel post. If customers do not give instructions we will forward the order by express, charges collect.

TERMS CASH—We make no ledger accounts of plant orders, so please remit for what you order. Plants will be sent as soon as weather permits.

Bedding Roses.

Prices uniform as follows

One-year-old plants.....each, $ .25; 6 for $1.40; 12 for $2.50
Two-year-old plants.....each, .35; 6 for 1.80; 12 for 3.00

American Beauty Rose

American Beauty—Deep pink, exquisite in form and fragrance.
Bride—This standard white rose is of perfect form and color.
Bridesmaid—The favorite pink tea rose, buds solid and firm.
Bougere—Free bloomer, pure white, clean, healthy grower.
Catherine Mermet—Light rosy flesh color, large, full and globular.
Clothilde Soupert—Blending shell pink to satiny white, strong grower.
Duchess De-Brabant—Copper yellow center, petals suffused with carmine.
Francesca Kruger—Deep coppery yellow, distinct from all others, very fine.
Gruss-Aus-Teplitz—A rose for everybody, succeeds everywhere, a glowing rich scarlet.
Hermosa—A deep shade of soft pink color, very fragrant, good bloomer.
Kaiserin Augusta Victoria—A continuous bloomer, always gives satisfaction, large, pure white.
La France—Silvery rose shaded pink, fragrant and of superb form.
Malmaison—Blush white shaded, large and double, sweet scented.
Madam Lombard—The great Southern rose, one of the very best pink varieties.
Marie Van Houtte—Clear straw yellow, faultless in form, good bloomer.
Meteor—An old favorite, a brilliant velvety crimson color.
Mrs. J. B. Clark—Perfectly hardy, vigorous grower, a beautiful crimson scarlet shade.
Mad. Jos. Schwartz—Pure white tinted rose, succeeds in any garden.
Pink Cochet—Large pink flowers on long stems, one of the most popular.
Pink Killarney—A sparkling beautiful pink rose, very large buds and flowers.
Paul Neyron—One of the finest hardy roses grown, long stems, a bold pink shade.

Bedding Roses.

President Taft—A shining deep pink rose, free bloomer and of good size.
Rhea Reid—Buds long oval pointed, a beautiful rich crimson flower, highly recommended.
Sombreuil—Flowers large size, white tinted pink, a grand variety.
Safrano—Bright apricot yellow, changing to orange, very fragrant.
Segand Weber—Rosy salmon, a fine strong grower, flowers of beautiful form.
Souv. de Ami—Shaded salmon on pink ground, an excellent rose for outdoor planting.
Suzanne Blanchett—A grand white rose, flowers freely, being a vigorous grower.
Sunrise—Color golden yellow, of globular form, with incurved petals, fragrant.
Vicks Caprice—Soft pink striped carmine, a most pleasing combination.
White La France—Fine outdoor rose, pearly white, sometimes tinted fawn.
White Killarney—Purest white, identical with Pink Killarney excepting in color.

The Marechal Niel Family.

Yellow Marechal Niel—A beautiful deep sulphur yellow, very large and fragrant. We have a grand stock of this variety.
The Red Marechal Niel—Buds and flowers the same as the yellow; color carmine red.
The White Marechal Niel—Identical with its sister variety, except in color and flowers. The color is pure white.

One-year-old .....each, $ .35
Two-year-old .....each, .60
Extra large plants .....each, 1.00

Climbing Roses

Cloth of Gold—Flowers deep golden yellow, one of the finest climbers.
Crimson Rambler—Bright crimson color, grows rapidly, vigorous and hardy.
Climbing Meteor—Velvety red buds and flowers, rich in color, hardy.
Climbing Kaiserin—Full and double pearly white, with delightful fragrance.
Marie Guillot—Clear ivory white, extra large, blossoms deep and double.
Pink Rambler—Identical with Crimson Rambler excepting in color, always hardy.
Lamarque—Pale canary yellow, almost white, large full flowers.
Reine Marie Henrietta—A brilliant cherry red, extra large flowers, free bloomer.
Thousand Beauties—The blossoms show a variety of colors, a splendid climber.
White Rambler—A white climber of indescribable charm and vigorous growth.
Ecelsa—The red Dorothy Perkins, flowers large and double, fragrant.
Dorothy Perkins—Beautiful shell pink, blooms in clusters, very showy.

16—ROSES—16.

For Only $1.00, Parcel Post Paid.

All two-inch well rooted plants, best varieties in following colors:

2 White	2 Flesh Color	2 Deep Yellow
2 Pink	2 Blush White	2 Striped.
2 Cream	2 Crimson	

Try this selection. You will be well pleased.

General Collection of Plants

Acalypha Sanderi—Chenille plant; the most ornamental plant. **20c each; 3 for 50c.**

Acalypha Tricolor — Highly colored leaves, bright red, blotched with crimson bronze. **15c each; 3 for 40c.**

Acalypha Marginata—Dark bronze, with rose margined leaves. **15c.**

Alyssum, Double Giant—Large flowers. **Each, 10c; doz., 75c.**

Alyssum, Little Gem—Single. **Each, 10c; doz., 75c.**

Ageratum, Princess Pauline—Blue. **Each, 10c; doz., 75c.**

Ageratum, Stella Guerney—Intense blue. **Each, 10c; doz. 75c.**

Ageratum, White Pet—White. **Each, 10c; doz., 75c.**

Asparagus Sprengeri—The best house and basket plant. **Each, 15c; 3 for 40c.**

Asparagus Plumosus Nanus—The most beautiful plant for house culture. **Each, 15c; 3 for 40c.**

Begonias.

Each, 20c; 3 for 50c; 12 for $1.75.

The Rex Family—The handsomest of all Begonias.
Rubrum—Pinkish metallic luster.
Sandersonii—Scarlet shade of crimson.
Thurstonii—Deep pink.
Erfordia—Light cherry red.
Pres. Carnot—Coral red.

Cannas.

Each, 15c; 6 for 75c; 12 for $1.00.

Madame Crozy—Scarlet with golden yellow.
America—Red, with purple.
Austria—Golden yellow.
Allemania—Orange scarlet.
Pennsylvania—Vermillion scarlet.
Italia—Golden yellow with orange scarlet.
Alphonse Bouvier—Dark crimson.
Florence Vaughn—Yellow, with red.
Chicago—Scarlet.
Express—Dark crimson.
Chas. Henderson—Bright crimson.
King Humbert—Deep orange, very large.
William Saunders—Bright scarlet.

Chrysanthemums

Each, 15c; 3 for 40c; 12 for $1.25.

Black Hawk—Large size blossoms, deep velvety crimson.
Golden Chadwick—The grandest golden yellow variety.
Chrysolora—Canary yellow, splendid large flower.
Early Snow—A pure ivory white flower, good size.
Golden Wedding—One of the very best deep yellow varieties.
Dr. Enquehard—Deep pink incurved petals, very showy.
Monrovia—Deep orange yellow.
Pacific Supreme—The finest pink, flower largest size.
Smith's Advance—Very delicate pink, a beautiful shade.
The Queen—Snow white, graceful large blossom.
John K. Shaw—Solid Japanese incurved yellow tinted bronze.

Carnations.

Each, 15c; 3 for 40c; 12 for $1.50.

America—Light scarlet.
Enchantress—Light pink.
Mrs. Thomas Lawson—Deep cerise pink.
Boston Market—Pure white.
Jubilee—Scarlet.
Prosperity—Striped pink and white.

Clematis.

Each, 50c; 4 for $1.50.

Clematis Henryi—Fine large creamy white.
Clematis Jackmanii—Violet purple.
Clematis Mad. Ed. Andre—Bright red.
Clematis Paniculata—One of the best climbers, snow white.

Coleus.

Each, 8c; 12 for 75c.

Sensation—Crimson maroon.
Vershaffelti—Dark maroon, with yellow.
Yellow Bird—Golden yellow.
Empress of India—Maroon, yellow center.
Golden Beauty—Dwarf yellow.
Perfection—Bright crimson.
Firebrand—Brilliant scarlet.
Hero—Darkest Coleus grown.
Grace Adams—Green, with red.
Rainbow—Red, gold, green.
Brilliancy—A very bright crimson.

Hibiscus.

Each, 15c; 3 for 40c; 12 for $1.50.

Peachblow—Large double flowers, soft pink, with deeper center.
Hibiscus, Single—Scarlet.
Hibiscus, Double—Crimson.

Fuchsias.

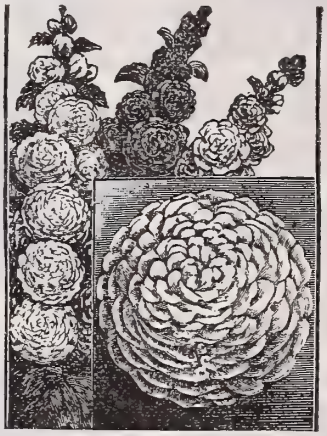
Each, 15c; 3 for 40c; 12 for $1.50.

Black Prince—Waxy carmine.
Von der Strauss—Pure red, double white in center.
Phenomenal—Bright cobalt red, with violet shade.
Rosains Patri—Brilliant deep scarlet, with pure white.
New Trailing Queen—Fine for baskets, very free bloomer.

Hydrangeas.

Large Plants, each, 35c; 6 for $1.75.

Monstrosa—Color deep rose.
Thomas Hogg—Pure white.
Otaska—Pink.
Rosea—Bright rosy red.



Double Hollyhocks

Hollyhocks—Single and double crimson, pink, white, salmon, yellow. **Each, 20c; 3 for 50c.**

Heliotrope.

Each, 15c; 3 for 40c; 12 for $1.50.

Picciola—Flower very large, dark heliotrope color.
Florence Nightingale—Bright lavender.
Madame de Blonay—Pure white.
Albert Delaux—Foliage bright golden yellow.
Madame Bruant—Rich purple, with white eye.
Czarina—Very dark.

The Jasmine Family.

Each, 15c; 3 for 40c; 12 for $1. 50.

Confederate Jasmine—A fine climber.
Cape Jasmine—Pure double white.
Grand Duke—Large double white.
Maid of Orleans—Creamy white.
Night Blooming Jasmine—Very easy grower. Blooms at night only; very fragrant.
Yellow—A light lemon color blossom.

The Lantana Family.

Each, 15c; 3 for 40c; 12 for $1.50.

New Weeping Lantana—One of the best plants for baskets, vases, etc., also for bedding. Color of flowers is lilac pink.
Lantanas, Aurora—All the colors of the sunrise.
Lantanas, Emily Bayard—Orange and pink.
Lantanas, Corbeille d'Argent—Pure white.
Lantanas, Crusalis—Clear yellow.
Lantanas, Franciere—Rosy lilac.
Lantanas, Miss Memphis—Deep yellow.
Lantanas, Trochere—Red.
Lantanas, New Dwarf Iannia—Rose color.

Geraniums.

Each, 15c; 3 for 40c; 12 for $1.50.

Single Geraniums.

Athlete—Vivian scarlet.
Clyde—Rich red.
Electric—Brilliant scarlet.
J. D. Cabos—Soft pink.
Mrs. E. G. Hill—Bright salmon.
Queen of the West—Orange scarlet.
Admiration—Salmon.
Telegraph—Deep orange.

Double Geraniums.

Alphonse Ricard—Orange scarlet.
Glory de France—Salmon white.
Hedwig Buchner—Pure white.
Jean Viand—Large pink.
S. A. Nutt—The best crimson.
President Simon—Scarlet.
Abe Le Franc—Carmine, with white eye.
Mad. Landry—Salmon.

Fancy Geraniums.

Wm. Langguth—Double crimson.
Madame Salleroi—Silver leaf, very showy.
Mrs. Pollock—Fancy variegated leaves.
Happy Thought—Leaves green and yellow.
Livingston—Skeleton leaf, fragrant.

Scented Geraniums.

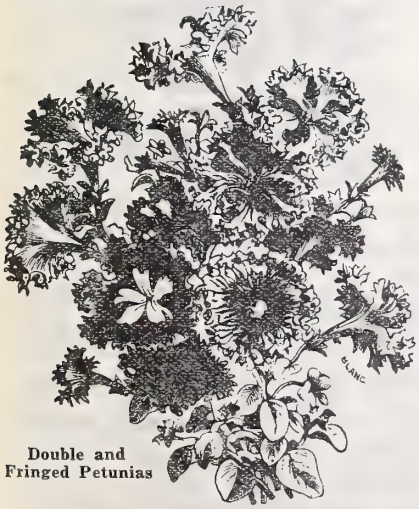
Each, 15c; 2 for 25c.

Balm **Nutmeg** **Apple**

Otaheite Orange.

Each, 25c.

As a pot plant the Orange is one of the most novel and beautiful that can be grown. It begins to bear fruit when quite small; not over 18 inches high.



Double and Fringed Petunias

Petunias.

Single varieties, each, 10c; 12 for 75c.
Double varieties, each, 20c; 6 for $1.00.
We have very choice colors in double and single Petunias.

General Collection of Plants

Pansies.

Each, 10c; 12 for 75c.

We grow the largest and finest Pansies in the South.

Plumbago.

Each, 15c 3 for 40c.

Sky blue. White.

Pelargoniums

Strong, compact, bushy plant, blooms continually. A combination of colors, and rivals in beauty the Azalea. **25c each; 3 for 65c; 6 for $1.20.**

Marguerite Daisy

Flowers 2½ to 3 inches in diameter. Pure white color, very showy. **15c each, 3 for 40c; 12 for $1.25.**

Ponderosa Lemon.

Salvia or Scarlet Sage

Ponderosa Lemon, American Wonder.

Each, 25c.

Superb fruit has been taken from the tree weighing over 1½ pounds; it is of very easy culture. The flowers are very fragrant.

Salvias.

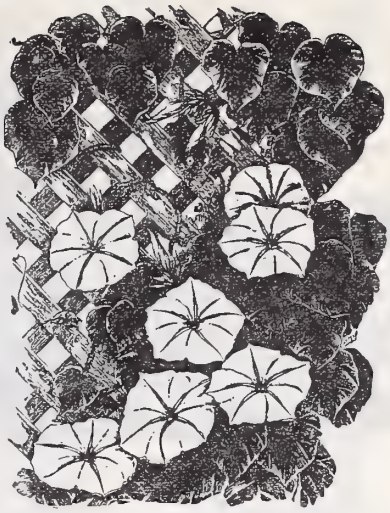
Each, 15c; 12 for $1.00.

Salvia, Lord Fontleroy—Dwarf flowering.
Salvia, Silverspot—Foliage spotted, with white spots.
Salvia, Cretien—Bright scarlet.
Salvia, St. Louis—Vivid scarlet.
Salvia, Zurich—Dwarf and bushy, bright scarlet.

Verbenas.

Each, 10c; 12 for 75c.

We offer a choice selection in white, crimson, purple, oculated, striped and variegated.



White Moonflower.

Moon Flowers.

Each, 15c 3 for 40c.

White. Blue.

Vinca or Perrywinkle

Vinca

Also called Perrywinkle. Fine for borders or beds. White, Pink, Purple, Pink Eye. **Each 10c; 3 for 25c; 12 for $1.00.**

Decorative Plants.

Farfugium Grande—Leopard plant. **Each, 50c; 3 for $1.25.**
Boston Fern—So well known it needs no description. **Each, 25c.**
Nephrolepis Whitmanii—The fronds are fine cut, dwarf in habit, very easy grown. **Each, 35c.**
Umbrella Plants—Each, 15c.
Auracaria Excelsa—Norfolk Island pine. **Each, $1.25.**
Fancy Leaved Caladiums—Each, 35c.
Ficus Elastica, Rubber Plant—Each, 50c.
Sanseveria Zealanica—Each, 25c.

General Collection of Plants

Violet Prince of Wales.

Violets.

Each, 10c; 12 for $1.00.

Marie Louise—Double dark blue.
Swanley White—Double white.
Prince of Wales—Single, large flower.
California—Single, rich dark blue.
Hardy English—Deep violet purple.

Longfellow Daisy

Hardy, of easy culture, white flowers. Each, 15c; 3 for 40c; 12 for $1.25.

Ornamental and Hardy Vines.

Chinese Kudzu Vine—Adapted for covering arbors or verandas, especially where rampant vines and large leaves are required. Thrives in almost any well drained soil. Each, 25c.

Boston Ivy—Entirely hardy in the most exposed places; clinging to stones, brick and woodwork with the greatest tenacity. For covering walls, dead trees, gate posts, etc., it has no equal. Each, 20c.

Hardy Carnation Pink

English Ivy—A beautiful evergreen vine. Each, 15c.

German Ivy—Light green leaves. Each, 15c; 3 for 40c.

Hardy Carnation Pinks.

Each, 20c; 3 for 50c.

Her Majesty—All pure white.
Essex Witch—Cherry red.
Sano de Sale—Pink.

Miscellaneous.

Asters—Early flowering; white, purple, red. Each, 10c; 12 for $1.00.

Asters—Late flowering; white, purple, red. Each, 10c; 12 for $1.00.

Azalea, Chinese—White, pink, variegated. Each, $1.25.

Brumansia, Angel's Trumpet—Each, 20c; 3 for 50c.

Bananas—Each, $1.00.

Calla Lillys—White, black. Each, 35c.

Caladiums—Each, 35c.

Centaurea, Dusty Miller—Each, 10c; 12 for 75c.

Cobea Scandens—Climbing vine. Each, 20c; 3 for 50c.

Cuphea—Cigar plant. Each, 10c; 6 for 50c.

Daisies—Hardy white. Each, 10c; 6 for 50c.

Dianthus—Summer pinks. Each, 10c; 6 for 50c.

Double Dahlia

Hardy Phlox

Dahlias—Twenty varieties. Each, 20c; 3 for 50c.

Feverfew—Double white. Each, 10c; 6 for 50c.

Hardy Phlox

Perennials that grow any where, good bloomers. Red, White, Pink. 20c each; 3 for 50c; 12 for $1.75.

Glechoma — Variegated Ground Ivy. Each, 25c; 3 for 60c.

Impatiens, Sultani — Rosy lilac. Each, 15c; 6 for 75c.

Impatiens, Evening—Wax orange. Each, 15c; 6 for 75c.

Impatiens, Portia—Rose pink. Each, 15c; 6 for 75c.

Lemon Verbena—Each, 15c; 3 for 40c.

Manettea Alcolor—Flame colored flower. Each, 15c; 3 for 40c.

Nasturtium—Tall or climbing. Each, 10c; 12 for 75c.

Nasturtium—Dwarf. Each, 10c; 12 for 75c.

Pilea Artillery Plant—Fern-like foliage. Each, 15c; 6 for 75c.

Primula, Malacoides—Lavender, blue flowers. Each, 35c.

Primula, Obconica—Large fringed Hybrids. Each, 35c.

Smilax—Fine house vine. Each, 20c; 3 for 50c.

Thunbergia—Black-eyed Susan. Each, 10c; 12 for $1.00.

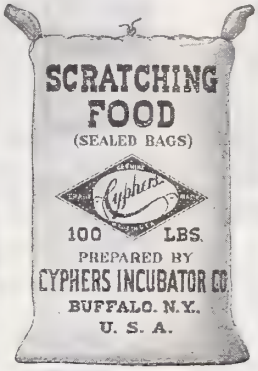
Tradescantia, Wandering Jew. Each, 10c; 12 for 75c.

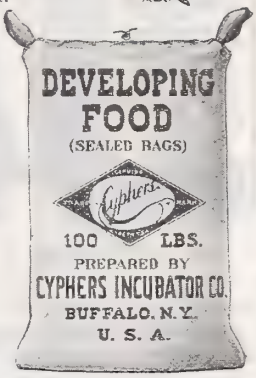
Wall Flower

A showy plant, continuous bloomer. Each, 15c; 3 for 40c; 12 for $1.25.

Poultry Food, Dry Mash, Etc.

Our stocks in this department are complete, in fact you will find here everything you need in the feeding line and all of the very best quality. We do not handle the cheap, low grade mixed feeds. "Quality counts" and the successful poultryman well knows it pays to feed the best, results is what you want, and that only can be obtained by feeding to your poultry good, sound, clean, sweet grains. Give our goods a trial.





Red Comb Poultry Feed.

The Red Comb Feeds are extra select quality; they contain no grit or shell to make weight; try them and you will use no other. Composed of choice grains, seeds and charcoal. A clean, bright, balanced ration for general use. As a scratch feed is unequaled. Made without grit and shells. **10 lbs., 25c; 25 lbs., 60c; 100 lbs., $2.25. By parcel post, 10 lbs., 50c.**

Red Comb Meat Mash—This is the great egg producer. A mash feed prepared expressly for egg production, being very rich in egg-making elements. This mash is unsurpassed as a winter egg-maker. It is the most wonderful feed in the world for making hens lay in cold weather. **8⅓ lbs., 25c; 25 lbs., 75c; 50 lbs., $1.25; 100 lbs., $2.25. By parcel post, 8⅓ lbs., 50c.**

Red Comb Fine Chick Feed—Composed of cracked grains, seeds and charcoal. Highly nutritious, easily digested and especially suited to the tender digestive organs of the little chick. Made without grit. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 6 lbs., 45c.**

Red Comb Coarse Chick Feed—A developing food composed of cracked grains and seed of the highest quality and especially adapted to the growing period, and when used insures a strong and rapid growth. This feed also contains charcoal. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.25. By parcel post, 6 lbs., 45c.**

Schwill's Crescent Chicken Feed—Compounded from good, sweet, clean grains only, a perfectly balanced egg ration, suitable for feeding the year round, thus insuring a healthy, hardy flock of birds. **100 lbs., $2.00; 500 lbs., $9.50; ton, $38.00.**

Hen-O-La Dry Mash—A complete balanced ration, especially fine for feeding baby chicks, it stimulates them to grow big and strong chicks, avoids bowel trouble as it contains the five nutrients for wholesome needs, and in the right proportions to meet the requirements of the growing birds, with little or no waste in the voidings, without underfeeding any of the five principal food elements. The five nutrients are protein, fat, carbohydrates, phosphorous and lime, and these you get in the celebrated Hen-O-La Mash. Feed it dry, no beef scrap, or charcoal needed, our experiments the past season with Hen-O-La were more than satisfactory. Many customers' reports were fine. Take our word for it, use Hen-O-La Mash, both for baby chicks and grown fowls, feed it dry from any good hopper, one quart to twelve hens, one-half pint to twelve baby chicks twice a day. Hen-O-La beats all mashes for chicks, because it's ground fine and prevents them from getting crop-bound and other diseases. **Price, 8⅓ lbs., 25c; 50 lbs., $1.25; 100 lbs., $2.50. By parcel post, 8⅓ lbs., 50c.**

Cyphers Poultry and Chick Feed.

We are now carrying a complete stock of the celebrated Cyphers Poultry and Chick Feeds. They are always made right; clean, bright grain, properly mixed. Be convinced; try them now.

Cyphers Scratching Grains—For large poultry; made right, of mixed wheat, kaffir corn, cracked corn, buckwheat, sunflower seed, etc. You will get value received and best results in using Cyphers Scratching Grains. **10 lbs., 25c; 100 lbs., $2.10. By parcel post, 10 lbs., 50c.**

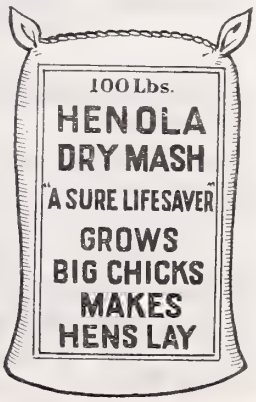
Cyphers Chick Feed—A complete, scientifically compounded food for young chicks. A mixture of many different grains and seeds, so proportioned to the needs of the growing chick that it will be fully nourished. We have the genuine in original bags. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.25. By parcel post, 6 lbs., 45c.**

Cyphers Developing Food—A special food intended for properly maturing young chicks after they are ready to be weaned from chick feed. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.25. By parcel post, 6 lbs., 45c.**

Cyphers Laying Egg Mash—A complete mash food. Strong in albumen and egg-making properties. **8 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.25. By parcel post, 8 lbs., 50c.**

Aunt Patsy's Poultry Egg Mash—Nothing like it on the market. Guaranteed to make hens lay if fed as directed. This is a complete mash containing ground grain, alfalfa meal, meat meal and everything necessary for producing a large egg yield. **8⅓ lbs., 25c; 25 lbs., 75c; 100-lb. sack, $2.25. By parcel post, 8⅓ lbs., 50c.**

Challenge Hen Feed—A good, cheap feed, made of Kaffir corn, cracked corn, wheat and barley. A splendid mixture for the price. **100 lbs., $1.85; 1000 lbs., $17.50.**



Superior Chick Feed

There is nothing more important for success in raising chicks than the right kind of feed. Our special brands are all of the best quality.

The following prices are f. o. b. Memphis, freight or express charges to be paid by purchaser, excepting where prices are noted parcel post paid.

F. P. C. Chick Manna.

Or Health Food for Little Chicks. Promotes and preserves health. A food that has merited the praise and admiration of poultry keepers, comprising a variety of nutritious food and health preserving properties so proportioned and combined as to be peculiarly adapted to promote health, quick growth and strong development. Chicks when first hatched need no food for at least from twelve to twenty-four hours. Chick Manna should be the first food and exclusively fed for ten days. **1 lb. pkg., 10c; 5 lb. pkg., 40c; 15 lb. pkg., $1.10. By parcel post, 1 lb. pkg., 20c; 5 lb. pkg., 60c; 15 lb. pkg., $1.50.**

Conkey's Starting Food For Chicks.

A ready-prepared food for Baby Chicks. Feed according to directions. You will raise 90 per cent. of those hatched. It is a special starting feed and will avoid much trouble in raising the flock. **1 lb., 10c; 3 lb., 25c; 6½ lb., 50c; 100 lb., $6.00. By parcel post, 1 lb., 20c; 3 lb., 40c; 6½ lb., 70c.**

Spratt's Chick Meal No. 5.

Should be fed to the little chicks from the time they are 30 to 36 hours old. It is easily digested and it will give the young birds a start in life that no other food will. **2 lb. cartons, 25c; 10 lb. bag, 90c; 25 lb. $2.00. By parcel post, 2 lb. cartons, 35c; 10 lb. bag, $1.20.**

Pratt's Baby Chick Feed.

A superlative mixed feed for Baby Chicks. Contains only such grains that are easily digested. This is one of the most scientifically mixed baby chick feeds on the market. **3 lb. box, 25c; 6½ lb. box, 50c; 14 lb., $1.00; 100 lb. for $6.00. By parcel post, 3 lb. box, 40c; 6½ lb. box, 70c.**

Pound Squab Pigeon Feed—Composed of the very best hard red winter wheat, hemp, Canadian peas and other grains and seeds of equal quality. It is very strong in muscle and bone-making elements and is so perfectly balanced that no organism is neglected. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 6 lbs., 45c.**

Spratt's Chicgrain (Rackham's Formula).

A perfectly balanced semi-cooked partly malted grain, insect and vegetable ration, easily digested and highly nutritious. **4 lb. box, 25c; 10 lb. sack 50c; 25 lb. sack, $1.10. By parcel post, 4 lb. box, 45c; 10 lb. sack, 75c.**

Manna Rice, Special Baby Chick Feed

A splendid combination of cracked rice, cracked wheat, kaffir corn, millet, etc. Contains no corn whatever; a nice clean mixture that has given fine results. Many of our customers use Rice Special exclusively. **8⅓ lb., 25c; 25 lb., 75c; 100 lb., $2.50. By parcel post, 8⅓ lb., 45c.**

Chamberlain's Perfect Chick Feed

The Original Dry Feed For Baby Chicks

Contains no Corn.

Avoids Bowel Trouble and many other diseases caused by improper Feed.

All Food, not a pound of waste in a carload.

Costs More Per Pound, Less Per Chick and it is the raising of the Chick that counts.

Put up by a formula as carefully as a druggist compounds a prescription.

Natures own feed blended together in just the proper proportion and makes the raising of chicks a pleasure and profitable.

Contains all the Meat, Bone, Charcoal, Grit, Oatmeal, etc., necessary for the successful raising of baby chicks, thus making it unnecessary to feed them anything else.

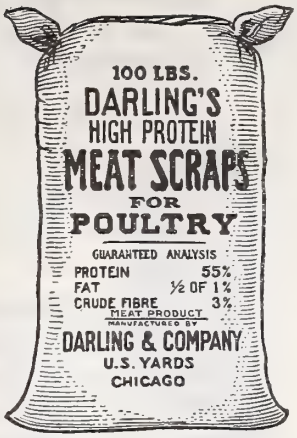
Containing everything that is necessary in just the proper proportion it makes it possible for the inexperienced poultry raiser to raise chickens as successfully as those who have given special attention and years of study to the problem. **6 lb. carton, 25c; 50 lb. bag, $1.50; 100 lb. bag, $2.75. By parcel post, 6 lb. carton, 45c.**

Chamberlain's Perfect Hen Feed

Made from clean, pure grains and seeds. Gives Hens and Pullets a larger variety than any other Feed manufactured. A great egg producer. Contains all the Meat, Bone, Rolled Oats, Charcoal, etc., that is required and is a perfect balanced ration. To increase your egg production and shorten the moulting season feed **Chamberlain's Perfect Hen Feed** night and morning and **Chamberlain's Perfect Mash Egg Feed**, "The original Green Mash Feed," at dinner time. **100 lb. bag, $2.25; 1000 lbs., 10 bags, $20.00.**

Blatchford's Milk Mash For Chicks.

Made of milk and milk substitute; makes mammoth chicks, healthy and strong, a positive preventive against bowel trouble in chicks, which is one of the worst causes of loss in chick raising. A perfect milk substitute with a combination of barley meal, corn meal, oat meal, beef scraps and fish for feeding chicks from the start. **4 lbs., 25c; 25 lbs., $1.00; 100 lbs., $3.50. By parcel post, 4 lb. carton, 40c.**



Grit For Poultry.

Pearl Grit—A double purpose grit prepared expressly for poultry, containing the qualities of both shells and grit, furnishing perfect material for both grinding and shell making and containing in addition various chemical properties, such as Calcium Carbonate (Lime), Magnesium Aluminum Oxides, etc. **Hen size, 10 lbs., 25c; 100 lbs., 90c. Chick size, 10 lbs., 25c; 100 lbs., 90c. By parcel post, 10 lb. carton, 45c.**

Mica Crystal Grit—Grit is as essential for poultry as food, as without it they cannot digest the food. Poultry will starve to death with full crop for no other reason than they have no teeth with which to grind the food into proper consistency. Grit should be fed in hoppers or boxes. **10 lbs., 25c; 100 lb. sack, $1.00; 500 lbs., $4.75. By parcel post, 10 lb. carton, 45c.**

Hen-E-Ta Bone Grits—Will make hens lay; just right for chicks; no other bone or grits needed. Send for circulars. **100 lb. bag, $2.50; 50 lb. bag, $1.50; 6 lbs., 25c. By parcel post, 6 lbs., 40c.**

Wehe's Digestible Bone, Egg and Shell Producer—Perfects digestion, cures and prevents disease. **10 lbs., 25c; 100 lb. sack, $2.00. By parcel post, 10 lbs., 45c.**

Crys-Co Grit and Shell Producer—In buying Crys-Co you get a shell producer and grit combined. The chicken gets more lime from Crys-Co than from the genuine oyster shell. The gritty part of Crys-Co is hard and sharp and thoroughly grinds the food. **10 lbs., 25c; 50 lbs., 75c; 100 lbs., $1.00. By parcel post, 10 lbs., 45c.**

Baby Chick Grit—Nothing is more essential in rearing baby chicks than fine grit. Don't fail to have it on hand, and see that it is kept before them regularly. **Price, 3 lbs., 10c; 10 lbs., 25c; 50 lbs., 75c; 100 lbs., $1.25. By parcel post, 3 lbs., 20c; 10 lbs., 50c.**

Blatchford's Fill the Basket Egg Mash Feed—A combination of dry milk, bran, alfalfa, corn meal, barley meal, oat meal, oil meal, beef scraps and pepper, and will simply force hens to lay. Must be used dry, just as it comes from the bag. Keep before the birds at all times, in connection giving them a good scratch feed, and it will make your hens shell out the eggs. **5 lbs., 25c; 25 lbs., $1.00; 100 lbs., $3.00. By parcel post, 5 lbs., 40c.**

Beef Scrap, Bone Meal, Etc.

Granulated Bone—Granulated Bone is made from fresh, green bone, from which the moisture and grease have been taken, leaving nothing but the phosphates, lime and nitrogenous matter. These are the only food properties of bone, green or dry, so when you buy granulated bone you will get it without paying freight on moisture or grease. This preparation will keep in any climate, in any kind of weather, if kept in a dry place. It is especially valuable as an egg-shell producer. Promotes strong, healthy growth of the bones in young chickens. Prevents leg weakness. Mix a little in soft feed. **Coarse for hens, 5 lbs., 25c; 25 lbs., 90c; 100 lbs., $3.00. Fine for chicks, 5 lbs., 25c; 25 lbs., $1.00; 100 lbs., $3.00. By parcel post, 5 lbs., 40c.**

Prize Medal Beef Scraps—A specially prepared scrap for poultry feeding. Bright in appearance, rich in color, sweet in odor, coarse in grinding, superior in egg production. Roasted and prepared by a special process. Try them once and you will have no other kind. **5 lbs., 25c; 25 lbs., $1.00; 100 lbs., $3.75. By parcel post, 5 lbs., 35c; 20 lbs., $1.20.**

Darling's Meat Crisps—Unequaled for growing chicks and laying hens. Contains 75% protein. We have them in original packages. **Fine or coarse ground, 3 lb. package, 25c. By parcel post, 35c. 6½ lb. package, 50c. By parcel post 65c.**

Darling's Blood Meal—**4 lbs., 25c; 25 lbs., $1.25; 100 lbs., $4.50. By parcel post, 4 lbs., 40c.**

Darling's Meat Scraps—A standard brand always fresh and of best quality. Use ¼ lb. to 2 quarts of mash for 12 hens, feed three time a week. **6 lbs., 25c; 25 lbs., 90c; 100 lbs., $3.50.**

Blachford's Calf Meal—The perfect milk substitute; contains all the elements for pushing calves to maturity; easily digested, prevents scouring. Full directions with every bag. **Price, 25 lbs., $1.00; 50 lbs., $2.00; 100 lbs., $3.50.**

Armour's Digestive Tankage—Especially prepared for feeding hogs and animals. High in protein, producing muscle and sturdy growth. **Price, 100 lbs., $3.25; 1000 lbs. at $3.00 per 100 lbs.**

Fowler's Anti-Hog Cholera Serum—We are prepared to furnish it fresh and genuine. Fowler's new scientific serum for prevention of Hog Cholera, has proven its merits to the satisfaction of thousands of farmers and hog raisers. Prices and booklets on application.

SAVE YOUR MONEY SAVE YOUR STOCK
BY FEEDING

COOPER'S

COOPER'S

Cheapest and most concentrated worm destroyer and tonic on world's market. A $1.00 package will make seventy-five pounds and only costs $1.00. Will last 75 sheep or 75 hogs for 60 days.

You mix Medico with salt at home and save the manufacturer's profit.

If dissatisfied bring the empty packet back and get your money.

Stop paying fancy prices for worm destroyer—make it yourself at home with Medico and pocket the difference.

Get our Bulletin 103 "Worm Destruction," it's free.

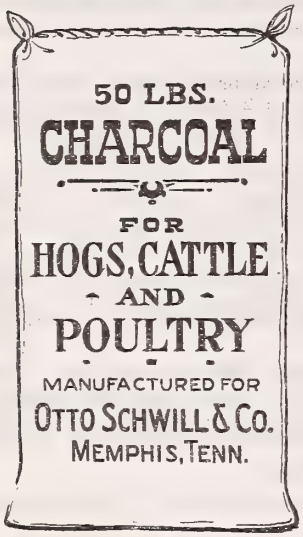
Price of Medico, per 5-lb. package, $1.00. By parcel post, $1.15.

Ground Oyster Shells.

Every poultryman realizes the importance of crushed oyster shells as an egg-shell maker and promoter of good health. Every pound of oyster shells offered by us is especially prepared for feeding poultry. They are crushed and ground to the size which expert poultrymen agree to be the best. Use oyster shell freely. It is good for chickens, old or young. **Coarse for hens, 10 lbs., 20c; 50 lbs., 60c; 100 lbs., 85c. Fine for chicks, 10 lbs., 25c; 50 lbs., 60c; 100 lbs., 90c. By parcel post, 10 lb. carton, 45c.**
Peerless Brand, extra quality, hen size, 100 lbs. $1.00

Charcoal.

If you want healthy chickens, rugged, growing stock with bright, healthy plumage, birds that will fatten easily and well, and entire freedom from sour crops and indigestion with laying stock, feed Charcoal. This is an easy hint to to take, and the coal is low in price. The per hen cost is so low as to be almost ridiculous, and yet it is one of the simplest and best helps to success. Keep it before them all the time, and also feed in the mixed grain. Nothing equals it as a disease preventative. Made in 3 sizes, coarse for hens, medium for pigeons, fine for baby chicks. **Price, 2 lb. carton, 10c; 25 lbs., 75c; 50 lbs., $1.25; 100 lbs., $2.25. By parcel post, 2 lb. carton, 20c.**



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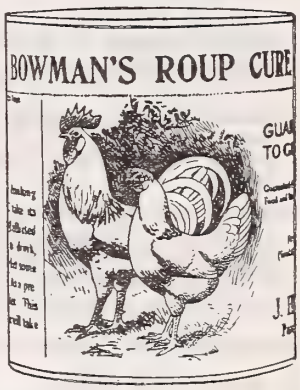


Hog Charcoal.

Small pieces of Charcoal especially made for hogs. Simply put some in their troughs and watch them get away with it. Charcoal aids digestion, purifies the blood and keeps hogs from dreaded Cholera. Try a bag and watch the benefits. **Price, 50 lb. bag, $1.00; 10 bags, $8.00. F. O. B. Memphis.**

O. K. Poultry Litter.

A perfect scratching material. Superior to straw, alfalfa meal, etc. A deodorizer, absorbent disinfectant and labor-saving litter. It absorbs all the moisture from droppings. will last for several months in your brooder or poultry house. Lice will not live in it, and therefore makes a splendid material for nests, being soft and pliable and keeps out all insects. Try O. K. Litter once and you will never be without it. Circulars mailed free. **Price, 6 lbs., 25c; 20 lbs., 60c; bale, about 150 lbs., $3.00. By parcel post, 20 lbs., $1.05.**

ROUPENE WHITINGS RELIABLE ROUP REMEDY

A certain and positive cure and preventative for Roup in all fowls. Not necessary to separate the sick birds from the well ones when using Roupene; this saves much trouble in handling. Roupene is fully guaranteed to do all it claims. **Price, 50c per bottle; by parcel post, 60c.**

Red Cross Health Grit

Red Cross Health Grit—Especially for pigeons. A tonic and grit combined. Pigeon fanciers say it's the best preparation of its kind. **6 lbs., 25c; 50 lbs., $1.25; 100 lbs., $2.00. By parcel post, 6 lbs., 45c.**

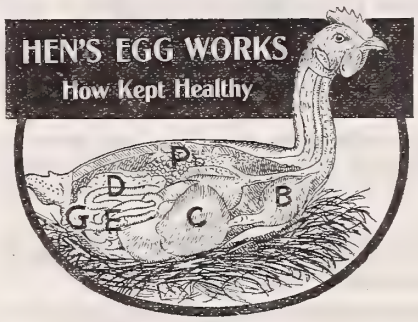
Succulenta Tablets.

Take the place of green food. Simply dissolve a tablet in drinking water, and forget about green foods. Fowls drink it with relish. You don't have to bother with time and labor of feeding your chickens green sprouted oats, cabbage or other green food. Try them once and solve the green food problem forever. **Price per box 100 large tablets, 50c. By parcel post, 55c.**

Bowman's Roup and White Diarrhea Cure.

Is guaranteed to cure and prevent all forms of roup, colds, catarrh, canker, sore eyes and diphtheria. It cures or your money back cheerfully and without question. Can anything be fairer? Try it once and you will never be without a box. Package double the size of any other roup cure on the market. Absolutely cures and prevents White Diarrhea in baby chicks. **Price, per box, 25c. By parcel post, 35c.**

Oculum for Results.



Oculum Brings Results.

Oculum quickly relieves roup, cholera, canker, sore-head, gapes, blackhead, and absolutely prevents that dreadful scourge, White Diarrhea, in baby chicks. A customer, Mr. J. H. Nichols, writes Oculum is indispensable for Cholera and White Diarrhea. Our own experience hatching chicks in our large incubators at our store has proven that chicks treated with Oculum live and grow off at once. We never fail to use it on every hatch that we take off.

Price, Small Size Bottle.....$ .50 By parcel post $ .60
Price, Large Size Bottle..... 1.00 By parcel post 1.10

Miscellaneous Poultry Grains.

Alfalfa Meal	8 lb., 25c;	100 lb., $1.85;	parcel post,	8 lb., 50c
Buckwheat	5 lb., 25c;	100 lb., 4.00;	parcel post,	5 lb., 40c
Corn Chop, sifted	6 lb., 25c;	100 lb., 2.00;	parcel post,	6 lb., 45c
Cracked Wheat	4 lb., 25c;	25 lb., 1.25;	parcel post,	4 lb., 40c
Hemp Seed	3 lb., 25c;	100 lb., 6.50;	parcel post,	3 lb., 35c
Linseed Meal	5 lb., 25c;	100 lb., 2.75;	parcel post,	5 lb., 40c
Millet Seed	5 lb., 25c;	100 lb., 4.00;	parcel post,	5 lb., 40c
Wheat, Red	8 lb., 25c;	100 lb., 2.50;	parcel post,	8 lb., 50c
Wheat Shorts	10 lb., 35c;	100 lb., 2.10;	parcel post,	10 lb., 60c
Wheat Bran	10 lb., 25c;	100 lb., 1.75;	parcel post,	10 lb., 50c
Sunflower Seed	5 lb., 40c;	25 lb., 2.00;	parcel post,	5 lb., 55c
Rolled Oats	4 lb., 30c;	25 lb., 1.75;	parcel post,	4 lb., 40c
Canada Field Peas	5 lb., 50c;	25 lb., 2.00;	parcel post,	5 lb., 60c
Kaffir Corn	10 lb., 35c;	100 lb., 2.00;	parcel post,	10 lb., 50c
Steel Cut Oats	4 lb., 25c;	100 lb., 4.50;	parcel post,	4 lb., 40c
Gluten Feed Meal	5 lb., 25c;	100 lb., 2.75;	parcel post,	5 lb., 40c

Diarrene.

Prevents and cures White Diarrhoea in baby chicks. Reaches the very seat of this dreaded trouble, and is absolutely a sure and safe remedy. Ask for circulars. **Price, 50c, parcel post paid.**

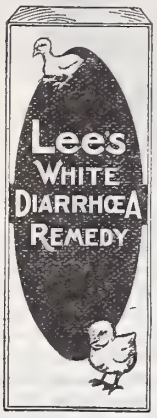
Pipene.

One application cures the worst case of Roup. It is safer than all the other Roup powders, which are given in the water, as Pipene is injected in the nostrils from inside the mouth and one treatment effects a sure cure. **Price, 50c, parcel post paid.**

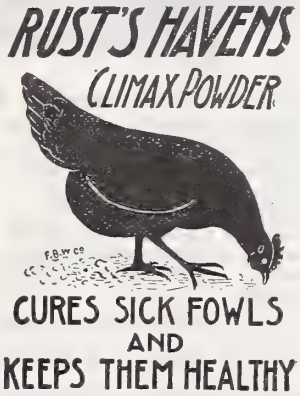
Coldene.

Used for ordinary colds, for Bronchitis, Pneumonia, and for extreme cases of Roup. Coldene is used in connection with Pipene. Guaranteed in every way. **Price, 50c, parcel post paid.**

Egg Producers and Poultry Remedies



We carry a complete stock of all the best preparations. These prices are f. o. b. Memphis, except where priced by parcel post; also please note liquids cannot be mailed.



Lee's Germozone.

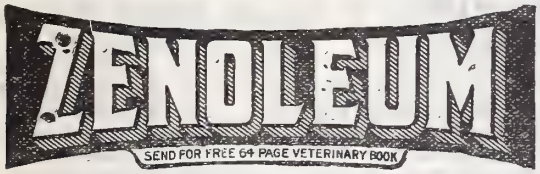
Is undoubtedly the most popular poultry medicine on the market. It is practically infallible as a cure for bowel trouble, that disease from which more chickens die annually than from all other diseases combined. It is also of great value for Roup, Colds, Chicken Cholera and other diseases which are so prevalent among poultry. A little of it in drinking water twice a week will keep your fowls healthy and in good condition all the time.

Liquid—Price, large bottle, 50c; small bottle, 25c, by express. Cannot be mailed.

Tablets—Price, 50c per box. By parcel post, 55c.

Lee's Poultry Foods and Remedies.

Lee's Egg Maker, 2½ lb. box	$ .25	By parcel post $ .35
Lee's Egg Maker, 5½ lb. box	.45	By parcel post .60
Lee's Lice Powder, small size	.25	By parcel post .35
Lee's Lice Powder, large size	.50	By parcel post .65
Lee's Hog Remedy, 7 lb box	.60	By parcel post .85
Lee's Hog Remedy, 25 lb. pail	1.85	Cannot be mailed.
Lee's Liquid Lice Killer, 1 qt.	.35	Cannot be mailed.
Lee's Liquid Lice Killer, 2 qts.	.60	Cannot be mailed.
Lee's Liquid Lice Killer, gallon	1.00	Cannot be mailed.
Lee's White Diarrhea Cure, bottle	.50	Cannot be mailed.



Zenoleum Preparations.

Zenoleum Lice Powder, box	$ .25	By parcel post $ .35
Zenoleum Hog Worm Powder	1.00	By parcel post 1.05
Zenoleum Lice Liquid, qt.	.35	Cannot be mailed.
Zenoleum Lice Liquid, 2-qt.	.60	Cannot be mailed.
Zenoleum Lice Liquid, gallon	1.00	Cannot be mailed.
Zenoleum Dip, 8-oz. can	.25	Cannot be mailed.
Zenoleum Dip, qt. can	.50	Cannot be mailed.
Zenoleum Dip, 2-qt. can	.90	Cannot be mailed.
Zenoleum Dip, gal.	1.50	Cannot be mailed.
Zenoleum Dip, 5-gal. cans	5.00	Cannot be mailed.

Austin's Pyrotone.

Sure death to lice and mites. Acts as a preventative as well as a cure. **Price, large bottle, 75c; by express only. Cannot be mailed.**

Cypher's Poultry Remedies

		By Parcel Post
Cypher's Roup Cure, small size box	$ .25	$ .25
Cypher's Roup Cure, large size box	.50	.50
Cypher's Remedial Ointment, per tube	.25	.25
Cypher's Lice Powder, 48 oz. box	.50	.65
Cypher's Remedy No. 4 for Cholera and Diarrhoea	.25	.25
Cypher's Remedy No. 6 for Liver Trouble	.25	.25
Cypher's Remedy No. 3 for Chicken Pox	.25	.25
		Not Mailable
Cypher's Lice Paint, quart	.35	
Cypher's Lice Paint, gallon	1.00	
Cypher's Napcreol, quart	.50	
Cypher's Napcreol, 2-quart	.85	
Cypher's Napcreol, gallon	1.50	
Cypher's Save-All Egg Preservative, gallon	.90	

Write for Cypher's catalogue showing complete line.

Rust's Poultry Powders.

We have been selling these preparations for 25 years. Customers say they want no better.

Rust's Climax Condt. Powder, 13 oz.	$ .25	By parcel post $ .35
Rust's Climax Condt. Powder, 32 oz.	.50	By parcel post .65
Rust's Egg Producer, 1 lb.	.25	By parcel post .35
Rust's Egg Producer, 2½ lbs.	.50	By parcel post .65
Rust's Egg Producer, 6 lbs.	1.00	By parcel post 1.20
Rust's Lice Powder, box	.25	By parcel post .35
Rust's Roup Powder, small	.25	By parcel post .30
Rust's Roup Powder, large	.50	By parcel post .60
Rust's Roup Pills, small	.25	By parcel post .30
Rust's Roup Pills, large	.50	By parcel post .55

Dr. Hess' Poultry and Stock Food.

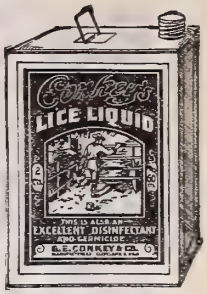
Dr. Hess' Poultry Panacea, small	$ .25	By parcel post $ .35
Dr. Hess' Poultry Panacea, medium	.60	By parcel post .75
Dr. Hess' Poultry Panacea, large	1.25	By parcel post 1.50
Dr. Hess' Instant Louse Powder	.25	By parcel post .35
Dr. Hess' Roup Cure	.25	By parcel post .30
Dr. Hess' Stock Food	.25	By parcel post .35
Dr. Hess' Stock Food	.50	By parcel post .65
Dr. Hess' Stock Food	1.00	By parcel post 1.25
Dr. Hess' Worm Powder	.50	By parcel post .60
Dr. Hess' Distemper Remedy	.50	By parcel post .60
Dr. Hess' Healing Powder	.25	By parcel post .30
Dr. Hess' Colic Cure	.50	Cannot be mailed.
Dr. Hess' Disinfectant, pint bottle	.35	Cannot be mailed.
Dr. Hess' Stock Food, 25 lb. pail	1.60	Cannot be mailed.

Lambert's Lice Powders.

Lambert's Death to Lice Powder	$ .25;	parcel post $ .35
Lambert's Death to Lice Powder, 3 lb.	.50;	parcel post .65
Lambert's Death to Lice Powder, 100 oz.	1.00;	parcel post 1.20
Lambert's Death to Lice Ointment	.10;	parcel post .15
Lambert's Death to Lice Ointment	.25;	parcel post .30

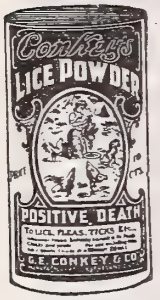
Antikohl Hog Powder.

A scientific cure and preventative of Hog Cholera, highly concentrated; acts quickly. Antikohl is worth its weight in gold to hog raisers. Full instructions with every box. **Price, per can, 75c; 6 cans, $4.00. By parcel post, can, 85c.**



Conkey's Poultry Medicines and Foods.

Conkey's Roup Powder, small size..	$ .25	By parcel post	$ .30
Conkey's Roup Powder, medium ...	.50	By parcel post	.55
Conkey's Roup Powder, large	1.00	By parcel post	1.10
Conkey's Roup Pills	.25	By parcel post	.30
Conkey's Condition Powder	.25	By parcel post	.30
Conkey's Cholera Cure, small	.25	By parcel post	.30
Conkey's Cholera Cure, large	.50	By parcel post	.55
Conkey's White Diarrhea Cure, small	.25	By parcel post	.30
Conkey's White Diarrhea Cure, large	.50	By parcel post	.55
Conkey's Chicken Pox Remedy, large size	.50	By parcel post	.60
Conkey's Chicken Pox Remedy, small size	.25	By parcel post	.30



Conkey's Gape Remedy	$ .25	By parcel post	$ .30
Conkey's Gape Remedy	.50	By parcel post	.60
Conkey's Head Lice Ointment	.10	By parcel post	.15
Conkey's Head Lice Ointment	.25	By parcel post	.30
Conkey's Scaly Leg Remedy	.50	By parcel post	.60
Conkey's Limber Neck Remedy	.50	By parcel post	.60
Conkey's Healing Gall Salve	.25	By parcel post	.30
Conkey's Sorehead Ointment	.25	By parcel post	.30
Conkey's Bronchitis Remedy	.50	By parcel post	.60
Conkey's Poultry Worm Powder ..	.50	By parcel post	.60
Conkey's Poultry Laxative	.50	By parcel post	.60
Conkey's Poultry Tonic	.25	By parcel post	.35
Conkey's Lice Fix Salve	.50	By parcel post	.55
Conkey's Laying Tonic, small	.25	By parcel post	.35
Conkey's Laying Tonic, large	.50	By parcel post	.65
Conkey's Lice Powder	.10	By parcel post	.15
Conkey's Lice Powder	.25	By parcel post	.35
Conkey's Lice Powder	.50	By parcel post	.70
Conkey's Lice Powder	1.00	By parcel post	1.25
Conkey's Ant Exterminator	.25	By parcel post	.35
Conkey's Mange Remedy	.50	By parcel post	.60
Conkey's Distemper Remedy	.50	By parcel post	.60
Conkey's Flea Salve	.25	By parcel post	.30
Conkey's Rheumatic Cure	.50	By parcel post	.60
Conkey's Stock Vigor, pkg.	.25	By parcel post	.35
Conkey's Liquid Lice Killer, 1 qt. ..	.35	Cannot be mailed.	
Conkey's Liquid Lice Killer, 2 qts.	.60	Cannot be mailed.	
Conkey's Liquid Lice Killer, 4 qts..	1.00	Cannot be mailed.	
Conkey's Noxicide, 1 pt.	.35	Cannot be mailed.	
Conkey's Noxicide, 1 qt.	.60	Cannot be mailed.	
Conkey's Noxicide, 2 qts.	.90	Cannot be mailed.	
Conkey's Noxicide, 1 gal.	1.50	Cannot be mailed.	
Conkey's Fly Knocker, 1 quart	.35	Cannot be mailed.	
Conkey's Fly Knocker, ½ gal.....	.60	Cannot be mailed.	
Conkey's Fly Knocker, 1 gallon	1.00	Cannot be mailed.	

Germo Magic Cholerine.

Germo Magic Cholerine—A vegetable compound for poultry; put in drinking water, will cure and prevent chicken pox and keep poultry in good condition. Price, 50c per bottle; gallon jugs, $2.50 each. Cannot be mailed.

International Poultry and Stock Food.

International Poultry Food	$ .25	By parcel post	$ .35
International Poultry Food	.50	By parcel post	.65
International Poultry Food	1.00	By parcel post	1.25
International Louse Powder	.25	By parcel post	.35
International Bowel Remedy	.25	By parcel post	.30
International Cholera Cure	.25	By parcel post	.35
International Stock Food	.25	By parcel post	.35
International Stock Food	.50	By parcel post	.65
International Stock Food	1.00	By parcel post	1.25
International Heave Cure	.50	By parcel post	.60
International Worm Powder	.50	By parcel post	.60
International Gall Cure	.25	By parcel post	.30
International Distemper Cure	.50	By parcel post	.65
International Tarfoot Remedy	.50	Cannot be mailed.	
International Colic Cure	.50	Cannot be mailed.	
International Healing Oil	.50	Cannot be mailed.	
International Pheno-Chloro	.25	Cannot be mailed.	
International Stock Food, 25 lbs. ..	3.00	Cannot be mailed.	

Schwill's Poultry Remedies.

Our own brand.
Equal to any on the market.

Schwill's Egg Producer, 2½ lb. box	$ .25	By parcel post	$ .35
Schwill's Egg Producer, 5 lb. box...	.50	By parcel post	.65
Schwill's Lice Powder, 15 oz. box..	.25	By parcel post	.35
Schwill's Lice Powder, 48 oz. box..	.50	By parcel post	.65
Schwill's Roup Powder, small	.25	By parcel post	.30
Schwill's Roup Powder, large	.50	By parcel post	.55
Schwill's Liquid Lice Paint, quart..	.35	Cannot be mailed.	
Schwill's Liquid Lice Paint, gallon .	1.00	Cannot be mailed.	
Schwill's Poultry Dip, quarts.....	.50	Cannot be mailed.	

Schwill's White Diarrhea Remedy for Baby Chicks—Made especially for us. A certain cure for this dreaded malady that is so fatal to chicks. Experiments the past season have proven this remedy satisfactory in every way. Price, tablets, per box, 50c. By parcel post, 55c. Liquid, 50c per bottle. Not mailable.

Schwill's Microzone—Keeps poultry in a healthy condition. Will cure roup, cholera, indigestion, bowel complaints, canker, frosted combs, chicken pox, swelled head, sores, cuts, wounds, sore eyes, etc., etc.

Full directions on each bottle. Per bottle, 50c. Liquid; cannot be mailed.

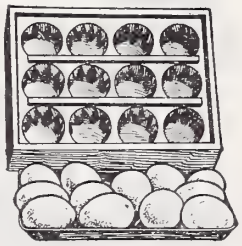
Magic Poultry and Stock Powders.

Magic Poultry Food	$ .25	By parcel post	$ .35
Magic Poultry Food	.50	By parcel post	.60
Magic Lice Powder	.10	By parcel post	.15
Magic Lice Powder	.25	By parcel post	.35
Magic Roup Powder	.35	By parcel post	.40
Magic Stock Food	.25	By parcel post	.35
Magic Stock Food	.50	By parcel post	.65
Magic Hoof Ointment	.25	By parcel post	.35
Magic Worm Powder	.50	By parcel post	.60
Magic Heave Cure	.50	By parcel post	.60
Magic Distemper Cure	.50	By parcel post	.60
Magic Hog Medicine	.50	By parcel post	.60
Magic All-Heal Liniment	.50	Cannot be mailed.	
Magic Colic Cure	1.00	Cannot be mailed.	
Magic Disinfectant	.25	Cannot be mailed.	

Pratt's Poultry and Stock Food.

Pratt's Poultry Regulator	$ .25	By parcel post	$ .35
Pratt's Poultry Regulator	.50	By parcel post	.65
Pratt's Poultry Regulator	1.00	By parcel post	1.25
Pratt's Poultry Regulator, 12 lb. pail	1.25	By parcel post	1.60
Pratt's Roup Remedy	.25	By parcel post	.30

Pratt's Poultry Condition Tablet	$ .25	By parcel post	$ .30
Pratt's Cholera Remedy	.25	By parcel post	.30
Pratt's Gape Remedy	.25	By parcel post	.30
Pratt's Sorehead Remedy	.25	By parcel post	.30
Pratt's Bronchitis Remedy	.25	By parcel post	.30
Pratt's White Diarrhea Cure	.25	By parcel post	.30
Pratt's Lice Powder	.10	By parcel post	.15
Pratt's Lice Powder	.25	By parcel post	.35
Pratt's Animal Regulator	.25	By parcel post	.35
Pratt's Animal Regulator	.50	By parcel post	.60
Pratt's Animal Regulator	1.00	By parcel post	1.25
Pratt's Animal Worm Powder	.50	By parcel post	.60
Pratt's Calf Tonic	.50	By parcel post	.60
Pratt's Cow Tonic	.50	By parcel post	.60
Pratt's Worm Powder	.50	By parcel post	.60
Pratt's Hog Cholera Specific	.50	By parcel post	.60
Pratt's Heave Cure	.50	By parcel post	.60
Pratt's Hog Worm Powder	.50	By parcel post	.60
Pratt's Spavin Paste	.50	By parcel post	.60
Pratt's Distemper Cure	.50	By parcel post	.60
Pratt's Healing Powder	.25	By parcel post	.35
Pratt's Bag Ointment	.25	By parcel post	.30
Pratt's Colic Cure	.50	Cannot be mailed.	
Pratt's Germathol	.25	Cannot be mailed.	
Pratt's Liquid Spavin Cure	.50	Cannot be mailed.	
Pratt's Animal Liniment	.50	Cannot be mailed.	
Pratt's Animal Regulator, 25 lb. pail	3.00	Cannot be mailed.	
Pratt's Lice Liquid, 1 qt.	.35	Cannot be mailed.	
Pratt's Lice Liquid, 2 qts.	.60	Cannot be mailed.	
Pratt's Disinfectant, 2 qts.	.60	Cannot be mailed.	
Pratt's Disinfectant, 1 gal.	1.00	Cannot be mailed.	
Pratt's Poultry Regulator, 25 lbs.	2.50	Cannot be mailed.	



China Nest Eggs.

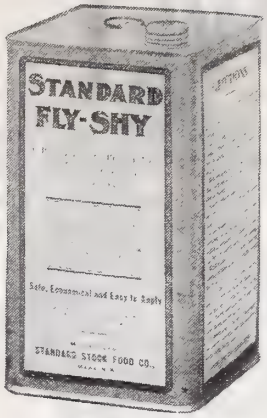
French's Poultry Mustard

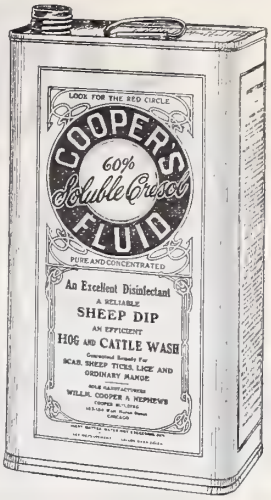
French's Poultry Mustard is different from the ordinary table mustard in its manufacture and constituents. The great Corning Egg Farms has used it over two years with excellent results. Can be used at any season, being an excellent tonic; increases egg production, adds to the fertility and keeps the birds in excellent health and condition. It is not in any way injurious like other condiments. If you want plenty of eggs in the winter and if you want fertile eggs in the spring, try French's Mustard for Poultry.

1½ lb. box	$ .35	By parcel post	$ .45
3 lb. box	.65	By parcel post	.80
5 lb. box	1.10	By parcel post	1.25
10 lb. box	2.00	By parcel post	2.20

Standard Fly Shy

Absolutely one of the very best fly chasers on the market. Lasts longer, therefore, more effective. It can be used as a deodorizer and disinfectant. **Price, qt., 35c; ½ gal., 60c; 1 gal., $1.00.**



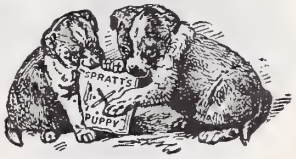


Cooper's Fluid Dip and Disinfectant

A perfect sheep and hog dip, cattle wash, etc. Officially approved by the United States government. Cooper's meets all requirements, both as a disinfectant and stock dip. It is of higher concentration and goes further than any other dip in dilution, therefore, making it cheaper. One gallon of Cooper's Dip will make one hundred gallons of effective solution. Be sure it is Cooper's, then dip. **Prices, 4 oz. bot. 25c; qt. can, 60c; ½ gal., $1.00; gallon, $1.75; 5 gallon can, $8.50.**

Licene

Licene will destroy every louse and "nit" on your chickens, usually keeping them free from lice for six months. Licene, when applied to the hen three days before setting, positively prevents head lice. Licene being of a greasy nature and easy to apply, you are not distressed with smarting eyes and irritated nostrils as you would be in using Sulphur, Lime or Tobacco Dust. There is no odor to saturate your clothing with stench and smell. Licene will not injure your birds in any way, nor retard the egg yield. Licene does not destroy the fertility of eggs. **Per tube, 50c. By parcel post, 5c extra.**



Spratt's Patent Puppy Cakes.

Spratt's Dog Cakes, Etc.

Spratt's Dog Cakes, 2 lb. box	$ .25	By parcel post	$ .35
Spratt's Dog Cakes, 4 lb. box	.50	By parcel post	.65
Spratt's Dog Cakes, 50 lb. box	3.75	Cannot be mailed.	
Spratt's Dog Cakes, 100 lb. box	7.50	Cannot be mailed.	
Spratt's Puppy Cakes, box	.25	By parcel post	.35
Spratt's Molicoddle Puppy Cakes	.25	By parcel post	.35
Spratt's Puppy Meal	.25	By parcel post	.35
Spratt's Distemper Cure	.75	By parcel post	.80
Spratt's Liver Tablets	.75	By parcel post	.80
Spratt's Tonic and Conditioner	.50	By parcel post	.60
Spratt's Dog Soap	.25	By parcel post	.30

Nest Eggs.

Knox Lice Medicated Nest Eggs—These eggs are a perfect imitation of the hen's egg, containing a powerful disinfectant, which keeps all lice, mites, etc., out of nest and off the hens. **Each, 5c; doz., 50c. By parcel post, each, 10c; doz., 70c.**

Lime Nest Eggs—Non-breakable. Antiseptic. A perfect shape making it a splendid and lasting accessory. **Doz., 30c. By parcel post, doz., 45c.**

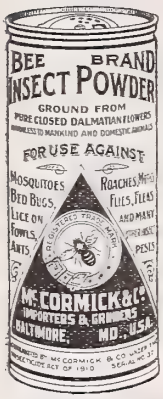
Porcelain—These are made of first-class glass. They will not break easily and will last a lifetime. **Doz., 25c. By parcel post, doz., 45c.**

Blackman's Medicated Salt Brick.

As its name implies, it is in brick shape, made of purest salt and medicine necessary for treatment of diseases for which it is intended. By this simple plan they take their medicine. **Price, per brick, 25c; 5 bricks, $1.00. By parcel post, per brick, 40c; 5 bricks, $1.50. Holders, each, 25c. By parcel post, 35c.**

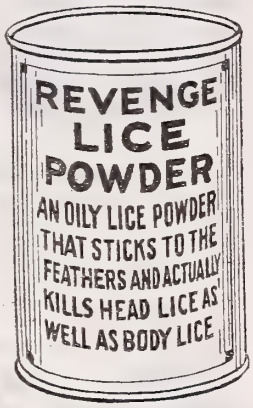
Sal Vet—Destroys worms in Hogs, Sheep, Horses and Cattle. Simply put Sal Vet in the animal's troughs, or give it to them in their feed. Send for circulars.

10 lb. box	$ .75	By parcel post $1.00
20 lb. box	1.25	By parcel post 1.65
40 lb. box	2.25	Cannot be mailed.
100 lb. keg	5.00	Cannot be mailed.



Revenge Lice Powder

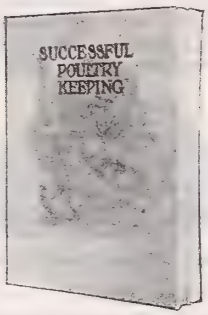
A new lice powder containing a substance that makes it stick to the feathers and will not shake off like other dry powders, therefore, will kill the detestable head louse as well as body lice. Absolutely guaranteed. Ask for circulars.

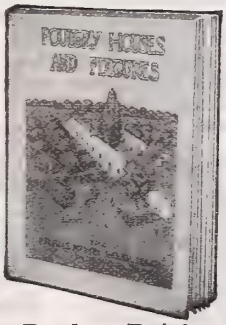


1½ lb. can	$ .60	By parcel post $ .80
4 lb. can	.95	By parcel post 1.10

Bee Brand Insect Powder

The kind that kills the bugs. Harmless to mankind or domestic animals. Bee Brand Insect Powder is the true Persian powder. Absolutely effective and safe. **Cans, 25c and 50c. By parcel post, 30c and 55c.**





Books for Poultry Raising.

Sent by parcel post on receipt of price. These books are both helpful and useful to the amateur.

PROFIT BY EXPERIENCE OF OTHERS.

American Standard of Perfection, 1915	**$2.00**
Artificial Incubating and Brooding—How to hatch and rear chicks, 92 pages. Price	.50
All About Broilers—M. K. Boyer	.50
Ducks and Geese—80 pages	.50
Eggs and Egg Farms	.50
How to Grow Chicks—McGrew	.25
Japanese Gold Fish	1.50
Pigeons, and All About Them—Gilbert	1.00
Poultry Houses and Fixtures	.50
Pocket Money Poultry—Noys	.50
Reliable Poultry Manual and Doctor	.50
Successful Poultry Keeping	1.00
The Egg Question Solved—McGrew	.25
Turkeys—Their Care and Management—Sewell	.75

Roach Rid.

If you are bothered with roaches, water bugs, etc., use our Roach Rid. It is absolutely a sure shot. Dust the powder where the insects are, leave it a week or ten days, and the pests will disappear. **Price, 25c per box. By parcel post, 30c.**

Rat Rid.

Exterminates mice and rats without odor. Has been thoroughly tested and found to do what is claimed by the manufacturers, if directions are followed. **Price, 25c per package. By express only.**

RAT CORN

Kills Rats and Mice. No odor or smell. It mummifies them. No matter where they die, they simply dry up; positively do not smell. Rat Corn is a new and scientific discovery and without a doubt the greatest rat destroyer in the world. The only one that kills rats without any dangerous or disagreeable effects. A trial will convince you. **Trial can, 15c; small can, 25c; medium can, 50c. Rat Corn being a poison cannot be sent through the mail.**

KILLS ON THE SPOT
RATS
MICE-ROACHES

Their Appetites Crave It—They will leave GRAIN or FOOD of every description TO EAT

DEVIL'S PASTE

Reg. U. S. Pat. Off.

As an exterminator of Roaches and Water Bugs it is unequaled. Satisfactory Results Positively Guaranteed.

Price: 15 - 25 - 50c. By Express Only.
Being poison, it cannot be mailed.

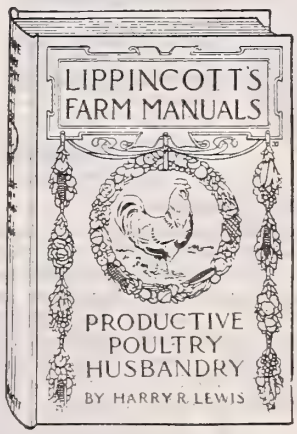
Rat Swat

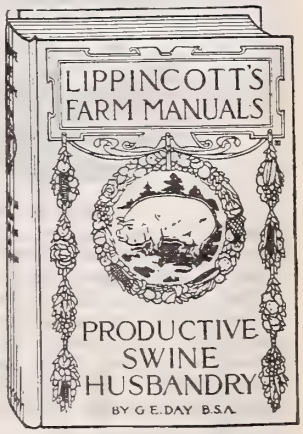
There is nothing like Rat-Swat. It swats 'em in a single night. It embalms and dries them up. It is convenient to use, is most effective and certain in its results. It never fails.

2 oz. can, 25c; 4 oz. can, 50c; 24 oz. can, $3.00. By express only.
Roach Swat—Put up in one size package only, 14 oz. **Price 50c.**
Ant Swat—Put up in one size package only, 14 oz. **Price, 50c.**
Bed Bug Swat—Put up in one size package only—8 oz. **Price, 50c.**

Red Wing Insect Powder

For the destruction of chicken lice, roaches, bed bugs, fleas, ants, cockroaches, flies, etc. As a matter of fact, it will destroy all leaf eating insects that infect the garden and house plant. Harmless to man and all animals. Red Wing Insect Powder is put up in two sizes. **10-cent size, 25-cent size, each, postpaid.**





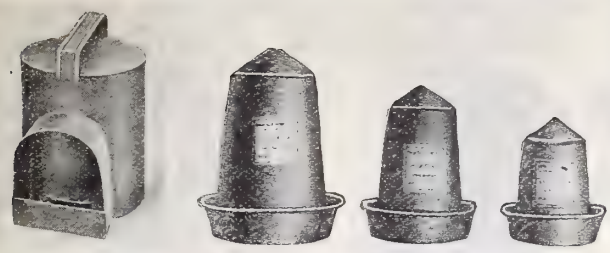
Lippincott's Productive Poultry Husbandry.

By Harry R. Lewis, with 329 illustrations and 536 pages. Handsome cloth binding. **Price, $2.00, parcel post paid.**

Lippincott's Productive Swine Husbandry.

Relates to hog raising and feeding, etc., all clearly explained, by Geo. E. Day, 330 pages and 75 illustrations. Handsome cloth binding. **Price, $1.50, parcel post paid.**

Drinking Fountains and Devices



Wall or Hub Fountain — Philadelphia Galvanized Iron Fountains

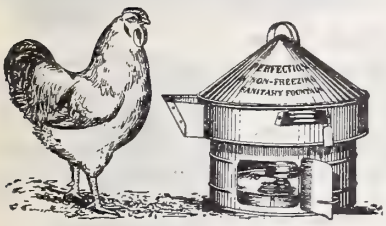
Wall or Hub Fountain.

A galvanized iron hood projects over the water trough and protects the water from becoming soiled. These fountains are equally serviceable for young chickens or adult fowls, and are especially useful for pigeons.

Price, 1 gallon .....$ .60 By parcel post $ .80
Price, 2 gallons ..... .90 By parcel post 1.15

Philadelphia Galvanized Iron Drinking Fountain.

Made of heavy galvanized iron, all seams being carefully turned and soldered. Easily cleaned. **Price, 1 qt., 25c. By parcel post, 35c. 3½ qt., 50c. By parcel post, 65c. 6 qt., 75c. By parcel post, $1.00.**



Perfection Non-Freezing Fountain

Square Bottom Drinking Fountain

Perfection Non-Freezing Fountain.

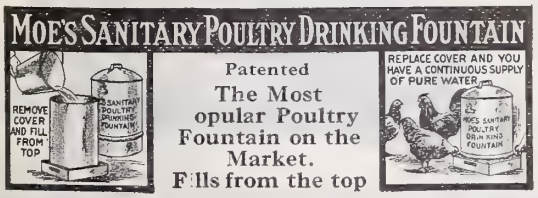
Easy to fill and clean. The heater keeps the water from freezing by the use of a small lamp that is perfectly safe and requires but very little oil. **Fountain with heater and lamp, complete, gallon size, $2.00; 2 gallon size, $2.50. By parcel post, gallon, $2.40; 2 gallon, $3.00.**

Victor Automatic Fountain.

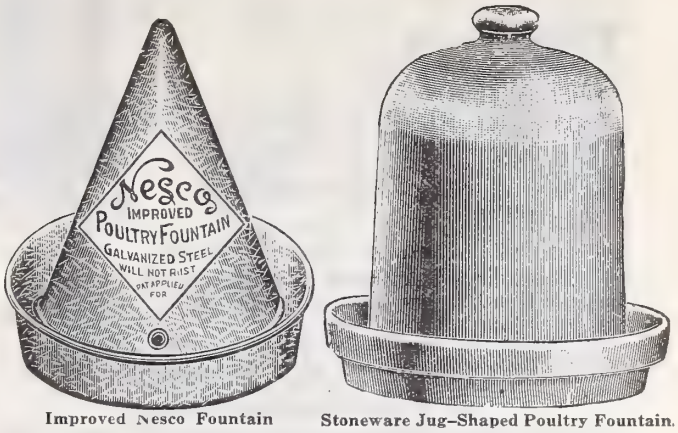
Made to attach to any wooden tub or barrel; works automatic, as the fowls or stock empty the pan it fills itself and shuts off when pan is full. Very durable, being made of cast iron. **Price, each, $1.00. By parcel post, $1.25.**

Square Drop Bottom Drinking Fountains

The bottom can be swung open with one hand, as it is secured by one spring in the front, while most founts have a spring on each side, requiring both hands to open; even then they are opened with considerable trouble. The rod which extends through the hinge of the drop bottom is made of solid brass, preventing possibility of rust or of breaking off. **Price, 2 qts., 45c; 1 gal., 60c; 2 gal., 90c. By parcel post, 2 qts., 60c; 1 gal., 80c; 2 gal., $1.15.**



Dead air space between cover and reservoir keeps water cool in summer and from freezing in winter. Sanitary and humane. Manufactured in two sizes. **No. 1, 1 gal. capacity, $1.25, by parcel post, $1.50; No. 2, 2 gal capacity, $1.75, by parcel post, $1.95.**



Improved Nesco Fountain — Stoneware Jug-Shaped Poultry Fountain.

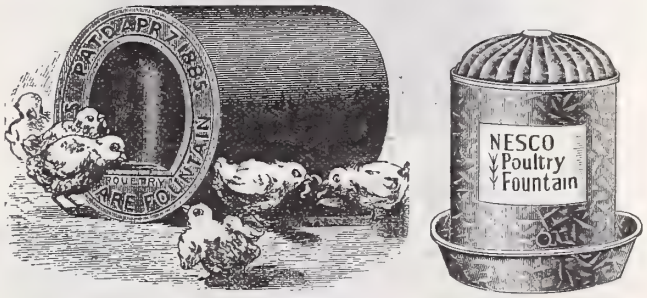
Improved Nesco Fountain.

Extra strong, easily cleaned, very convenient.

No. 11, 1 Quart .....each, $ .25. By parcel post, $ .35
No. 12, 2 Quart .....each, .35. By parcel post, .50
No. 14, 4 Quart .....each, .50. By parcel post, .70
No. 18, 6 Quart .....each, .75. By parcel post, 1.00

Stoneware Jug-Shaped Poultry Fountain.

It is made in two parts, the saucer being separated from the upper portion, so it can be easily separated and thoroughly cleaned. You will not miss it if you include the Sanitary Fount in your order of Poultry Supplies. **¼ gallon, 30c; ½ gallon, 40c; 1 gallon, 50c; 2 gallon, 75c, f.o.b. Memphis. Cannot be sent by parcel post.**



Stoneware Barrel-Shaped Drinking Fountain.

Round Nesco Fountains.

No. 1, 1 Quart .....each, $ .25. By parcel post, $ .35
No. 4, 4 Quart .....each, .50. By parcel post, .70
No. 8, 8 Quart .....each, .75. By parcel post, 1.00

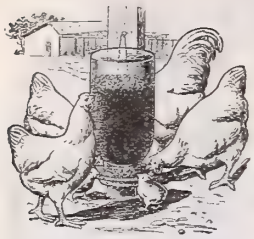
Stoneware Barrel-Shaped Drinking Fountain.

For any one who desires a crock or earthenware drinking fountain, these founts are not excelled for poultry and pigeons. They keep the water cool and clean and are so manufactured that it is impossible for chicks to get wet or drown while using them. They are easily filled, never tip over and never get out of order. They are nicely finished and made in two sizes. **Prices, 1 gallon size, 35c; 2 gallon size, 50c, f. o. b. Memphis. Cannot be sent by parcel post.**

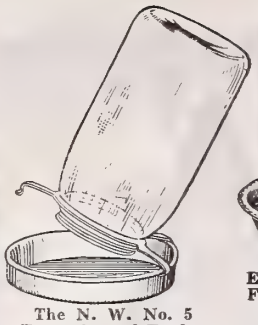
Feed or Water Cup.

Used for mating or exhibition coops. **Each, 20c; doz., $2.00. By parcel post, each, 25c.**

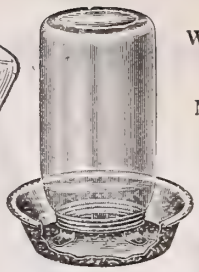
No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar. Convenient, cheap and sanitary. One size only. **No. 32, each, 15c; 6 for 75c; By parcel post, each, 20c; 6 for 90c.**



All Right Fountain Holder



The N. W. No. 5 Fountain and Feeder



Economy Automatic Fountain and Feeder.

Economy Automatic Fountain and Feeder.

Just the Fountain you have been looking for. It feeds water, grain, grit, oyster shells, etc. Any size Mason glass jar fits it. We do not furnish the jars, as everybody has them on hand, thereby saving the extra expense. **Each, 25c; 6 for $1.20. By parcel post, each 30c; 6 for $1.40.**

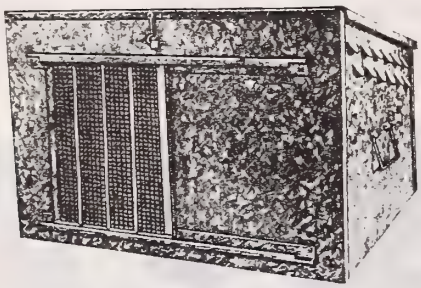
All Right Fountain Holder.

Can be used with any size bottle, or with pint, quart, or two quart glass par. **Each, 10c; 3 for 25c; bottle not included. By parcel post, each, 15c; 3 for 40c.**

Hallock Water and Food Holder.

Made in several sizes; deep pan that is supplied with removable guard; easily cleaned; being round, it will accommodate 10 or 12 fowls at a time.

1 gallon .....$ .60. By parcel post, $ .80
2 gallon ..... .80. By parcel post, 1.10
3 gallon ..... 1.00. By parcel post, 1.35

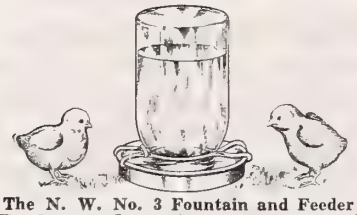


Successful Metal Sanitary Brood Coop

Successful Metal Sanitary Brood Coop.

Rat, Mink, Weasel, Mite and Rain Proof. The farmer's wife has long been wanting the brood coop which was neat in appearance, light in weight, consequently easy to move from place to place, easy to clean, thoroughly rainproof and so constructed that rats, minks and weasels cannot get at the brood.

No. 1—17½x23 in., 16 inches high.....each, $1.75
No. 2—23½x29 in., 18 inches high.....each, 2.00
No. 3—Very roomy, round in shape.....each, 2.50



The N. W. No. 3 Fountain and Feeder

Hallock Water and Food Holder

Feeds water, grain, etc., automatically. Is easy to fill and operate. Just lift the trigger as shown here which releases pan, clip remaining on jar, leaving pan **without any obstruction**, affording easy cleaning. Made to fit any half-gallon, quart or pint mason jar. We do not furnish jars. Made in the following sizes:

No. 3 Wire Clip Holder .....5 inch, each, 10c; 3 for 25c
No. 4 Wire Clip Holder .....6 inch, each, 15c; 2 for 25c
No. 15 Jap. Clip Holder .....5 inch, each, 15c; 2 for 25c
No. 16 Jap. Clip Holder .....6 inch, each, 20c; 2 for 35c
No. 5 Galv. Clip Holder .....5 inch, each, 20c; 2 for 35c
No. 6 Galv. Clip Holder .....6 inch, each, 25c; 2 for 40c

By Parcel Post:

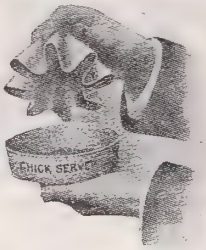
No. 3 Wire Clip Holder .....5 inch, each, 15c; 2 for 25c
No. 4 Wire Clip Holder .....6 inch, each, 20c; 2 for 35c
No. 15 Jap. Clip Holder .....5 inch, each, 20c; 2 for 35c
No. 16 Jap. Clip Holder .....6 inch, each, 25c; 2 for 45c
No. 5 Galv. Clip Holder .....5 inch, each, 25c; 2 for 45c
No. 6 Galv. Clip Holder .....6 inch, each, 30c; 2 for 50c

Atsatt's Sanitary Chick Drinking Fountain.

Will go in any brooder; easy to clean; will not upset; not injured by freezing. **1 qt. size, each, 25c. By parcel post, each 35c.**

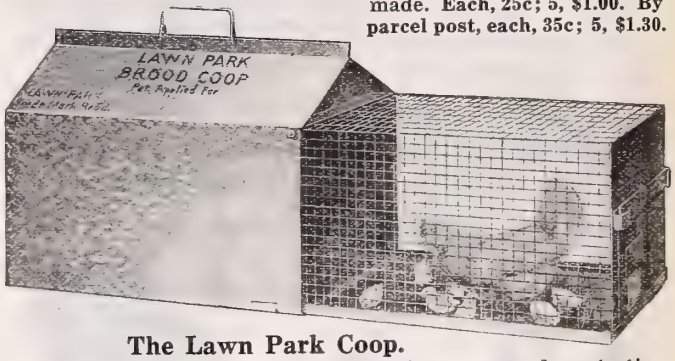
Hodgkins' Galvanized Iron Brooder Fount.

Made of galvanized iron. Six inches high. Hangs at side of brooder. Not easily fouled. Saves room. Easy to fill and keep clean. **Price, each, 40c. By parcel post, each, 55c.**



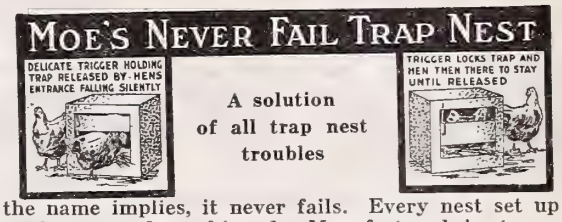
Lathrop Sanitary Chick Server.

For supplying water and feed to little chicks. Nothing better made. **Each, 25c; 5, $1.00. By parcel post, each, 35c; 5, $1.30.**



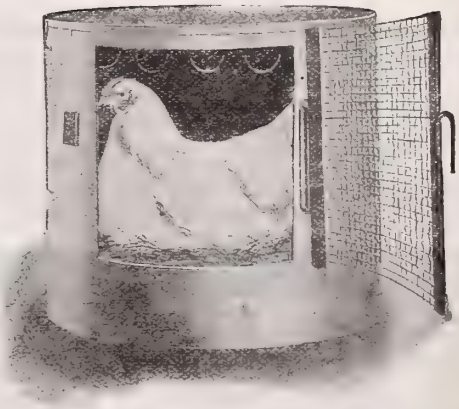
The Lawn Park Coop.

Gives the chicks sunshine, fresh air, grass and protection from all enemies. This coop is made to telescope, therefore affords chicks roving space, yet they are safe. Has removable bottom, makes cleaning easy; sanitary; keeps out lice and mites, and gives ample ventilation. Size coop, closed, 18x24 inches; when open, with park extended, 18x48 inches. **Price, each, $2.50, f. o. b. Memphis. In lots of 6, $14.00, freight paid to your railroad station.**



As the name implies, it never fails. Every nest set up and ready for use when shipped. Manufactured in two sizes.

No. 33, 12x12x12 ins., complete.....each, $ .75
No. 34, for larger fowls, 12x12x14½ ins., complete..each, 1.00
By parcel post, No. 33, 95c, each; No. 34, $1.25, each.

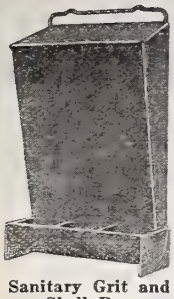


Successful Combination Metal Nest, Vermin Proof

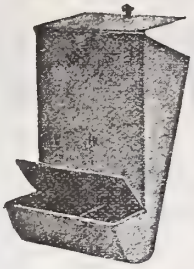
A hen in this nest will hatch better and stronger chicks than in a wooden nest, from the fact that eggs require moisture to hatch well, and this nest retains the moisture from the hen's body, while the wooden nest absorbs it. Size 14 inches high, 14 inches wide. **One to 3 nests, each, $1.00; 4 to 10 nests, each, 90c. By parcel post, each, $1.25.**

Grit Boxes, Hoppers, Etc.

Automatic Feeders. The grit, shell, etc., comes down into the feeding space as fast as the fowls require them.



Sanitary Grit and Shell Box



Round Bottom Dry Mash Hopper

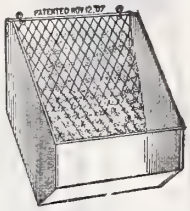
Sanitary Self-Feeding Grit and Shell Box

Strong and well made. Improved over the old style boxes, being a larger, wider and more accessible pan; 3 compartments, as shown in illustration. **Price, each, 50c. By parcel post, each, 70c.**

Round-Bottom Dry Mash Hopper

The round bottom of this food hopper will feed dry mash or beef scrap more readily and cannot clog. Because of this feature it is more sanitary and more acceptable. This hopper has a lid, so that it may be closed during the forenoon, which is generally desired by poultrymen. **Price, 60c. By parcel post, 80c.**

Beef Scrap and Dry Food Hopper



Large Boston Dry Food Hopper.

Beef Scrap and Dry Food Hopper.

This hopper is made of heavy galvanized iron, with lid, handle, sloping bottom and extra deep apron, with guard. It will feed beef scrap and dry mash, articles that every user of hoppers knows are difficult to feed. **Each, 75c. By parcel post, $1.00.**

The Boston Dry Food Hopper—Rat Proof.

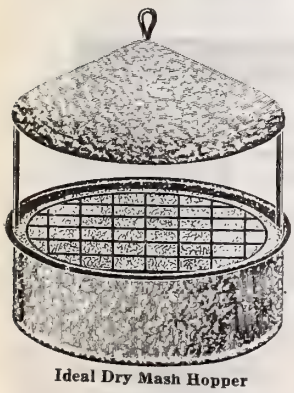
These hoppers are absolutely automatic and positive in their action. They cannot clog; they do not waste. They are made of galvanized iron with swinging grid (mesh) and hold from ½ peck to ½ bushel, respectively, and will last a lifetime.

Chicken Hopper—Small, for small brooders, 75c. **By parcel post, $1.00.**

Small Hopper—Holds 8 quarts, for beef scraps, shells, grits, charcoal, 90c. **By parcel post, $1.20.**

Large Hopper—Holds 16 quarts, for dry mash feed for hens, $1.00. **By parcel post, $1.40.**

Ideal Dry Mash Feeder



Ideal Dry Mash Hopper

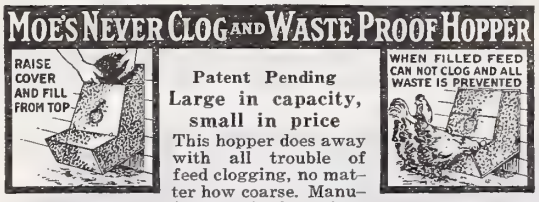
We guarantee these feeders not to clog, also that the fowls cannot waste the Dry Mash, and are rat proof if our directions are followed. The Screen shown in the above cut rests on the top of the Dry Mash and as the fowls eat the mash the screen settles. This screen is to keep the fowls from "hooking" the Dry Mash out over the sides of the hopper, and also to keep them from eating the Dry Mash too fast. Fifteen or twenty fowls can eat out of this hopper at the same time; size, 12 quarts. **Price, $1.00. By parcel post, $1.35.**

Atsatt Galvanized Poultry Feeder.

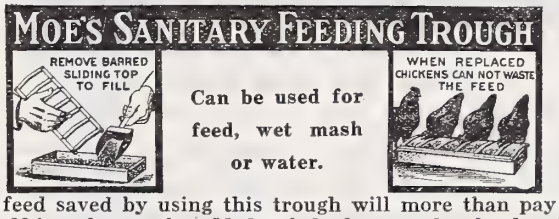
Made with hinged guard to keep fowls from wasting the feed; can be used for mash or any dry grain feed. The tapering guard keeps birds from roosting or setting on top of the feeder. The pan is 18 inches long, 6 inches wide and 3 inches deep, and holds 4 quarts. It is well made, strong and durable. **Price, 50c each. By parcel post, 70c.**

Galvanized Iron Brooder Feed Box

This little device is especially adapted for brooder use. Seven inches high, with cover, two compartments for grit and charcoal, or can be used for any dry feed. **Price, each, 40c. By parcel post, 60c.**



No. 35, 12 quart capacity .....$ .75; by parcel post, $ .95
No. 36, 18 quart capacity ..... 1.00; by parcel post, 1.25
No. 37, 36 quart capacity ..... 1.50; by parcel post, 1.85



The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes.

No. 21, 12 inches long .....$ .25; by parcel post, $ .35
No. 22, 18 inches long ..... .50; by parcel post, .65

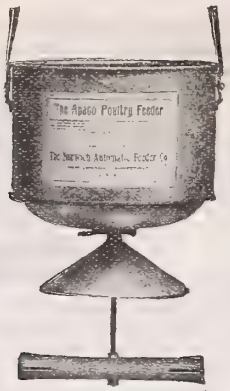
Atsatt Wall Feed Pan.

For feeds, grit, shell, bone, charcoal, water, etc. Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds. Chicks cannot roost on it. Hangs high or low. Made of galvanized iron; 23 inches long, holds three quarts. Practical and cheap. **Each, 35c; doz., $4.00. By parcel post, 50c.**

Perfecto Spiral Leg Bands.

Made in six different colors; easily applied; they slip on like a key ring; will not lose off nor can the fowls remove them. Be sure to mention breed of your chickens when ordering, as the bands come in several sizes as well as different colors.

Single Coil Spiral Bands.....doz. $ .20; parcel post $ .25
Single Coil Spiral Bands...for 50 .60; parcel post .65
Single Coil Spiral Bands..for 100 1.00; parcel post 1.10
Baby Chick Spiral Bands ....doz. .15; parcel post .20
Baby Chick Spiral Bands ..for 50 .50; parcel post .55
Baby Chick Spiral Bands .for 100 .75; parcel post .85

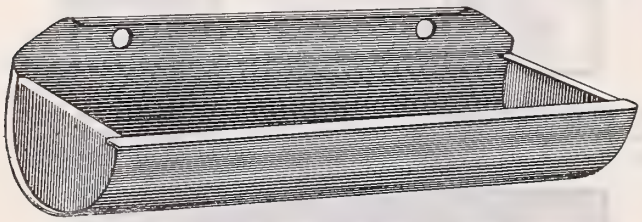


The Apaco Poultry Hopper

Here we have an automatic feeder at a reasonable price, only $1.00. Think of it; now every one can afford one of these splendid devices. Constructed to fill a long-felt want for a good feeder at a small price. The Apaco Feeder will save work and worry; insures proper feeding, increases egg production, decreases feed bills, scatters the feed thoroughly; it wont clog. **Made in one size only, 12 quart capacity, $1.00. By parcel post, $1.25.**

Peerless Dry Food Hoppers.

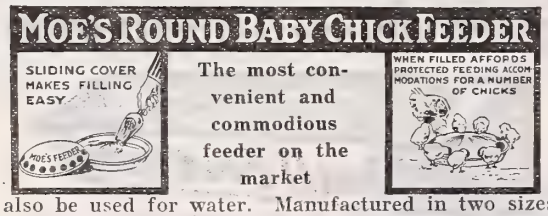
Made in three sizes. **8 qt., each, 75c; 16 qt., each, $1.25; 32 qt., each, $1.75. By parcel post, 8 qt., $1.00; 16 qt., $1.60; 32 qt., $2.10.**



Busy Hen Wall Feed Pan

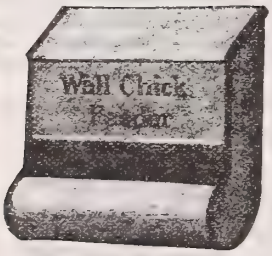
Busy Hen Wall Feed Pan

For feeds, grit, shell, bone, charcoal, water, etc. Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds. Hangs high or low. Made of galvanized iron. Practical and cheap. **Price, 12 inches long, each, 25c; 18 inches long, each, 35c; 24 inches long, each, 40c. By parcel post, 12 inches, 40c; 18 inches, 50c; 24 inches, 60c.**

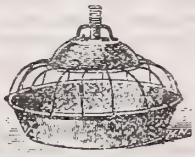


Can also be used for water. Manufactured in two sizes.

No. 11, small size	$ .15;	by parcel post, $ .22
No. 12, large size	.25;	by parcel post, .32



Wall Chick Feeder



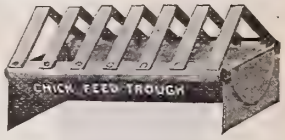
Combined Food and Water Holder

Wall Chick Feeder

Sloping top prevents the chicks from roosting on it, and a wire screen prevents them from wasting the food. Made in two sizes, 10 inches long and 20 inches long, of 28-gauge galvanized steel. Absolutely will not rust, for all turned edges are carefully painted. This is an entirely new invention, and has proved its worth and efficiency amongst the largest chick raisers in the world. **10-inch, 50c; 20-inch, 75c. By parcel post, 10-inch, 65c; 20-inch, 95c.**

All Metal Automatic Chick Feeder No. 58.

Made from galvanized steel, is 8 inches long and constructed for service. Keeps just the right amount of feed in the trough and keeps it clean. **Price, each, 35c; 3 for $1.00. By parcel post, each, 50c.**



Atsatt's Chick Feeder.

"They cannot get into it." Therefore, clean food. The top removes easily for cleaning. Springs back into place. Can be used for either wet or dry feed or for water. Cannot rust. Made for any brooder, but does not take up much space. Size, 10 inches long, 4 inches wide. Just the thing for your brooder. **Each, 25c. By parcel post, 35c.**

Chick Feed Troughs

The bottom of the trough being round in shape makes it superior to all others, as it can be easily cleaned and prevents food from becoming stale in corners. The grate slides easily on and off—a feature not found in any other chick trough. In carrying the trough the grate may also be used as a handle, and is so slanted that chicks cannot roost on it. **10-inch size, 35c; 20-inch size, 55c. By parcel post, 10-inch, 45c; 20-inch, 70c.**

Norwich Automatic Exerciser and Feeder

Improved Norwich Automatic Exerciser and Feeder.

The new style has adjustable legs adapted for feeding large poultry or baby chicks. Fill the hopper with any dry grain feed, or any mixture of dry grain feed, and the revolving feed bar with wheat or cracked corn. Stand the Norwich Automatic Exerciser and Feeder anywhere in the yard, pen or house, and put any kind of litter under machine. Adjust valve to feed desired quantity. **No. 1, 8 qt., each, $2.50; No. 2, 14 qt., each $3.25; 20 qt., $4.50. All f.o.b. Memphis.**

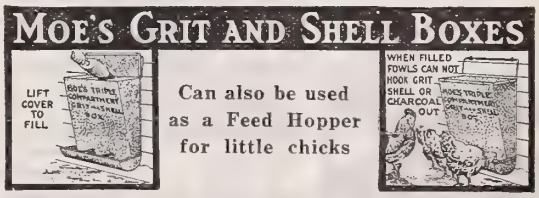
Combined Food and Water Holder.

Undoubtedly one of the best combination devices on the market. Can be used for mash, wet or dry grain, or water. The protecting wires keep the chickens from getting into the pan and soiling the food or water.

1 gallon size	$ .60;	by parcel post, $ .80
2 gallon size	.80;	by parcel post, 1.10
3 gallon size	1.00;	by parcel post, 1.35

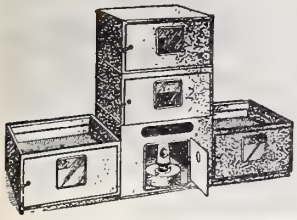
Acme Patent Chick Feeder.

Easily accessible for little chicks. Made so that the grown fowls cannot get at the feed. **Each, 2 compartments, 40c; 3 compartments, 60c. By parcel post, 60c and 85c.**

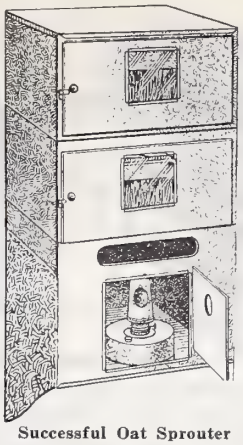


Grit, shell and charcoal have now become a recognized essential part of the diet, insuring healthy fowls, and it cannot be more economically supplied than in one of these triple compartment boxes.

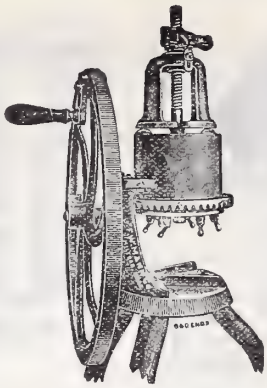
No. 45, two compartments for chicks	$ .25;	by parcel post $ .32
No. 9, three compartments for hens	.50;	by parcel post .60
No. 90, four compartments	.75;	by parcel post .90



Moe's Oat Sprouter



Successful Oat Sprouter



Mann's No. 5 B. M. Bone Cutter

Improved Automatic Chick Greaser.

Moe's Sectional Oat Sprouter

A reliable double walled sprouter adapted to any size flock. As the birds increase in number, add another section. Manufactured of heavy galvanized iron. No wood to warp or fall apart.

No. 59, base with lamp and two trays **$7.00**
No. 60, additional sections with two trays **3.50**

Successful Grain Sprouter—Made in sections, double galvanized steel wall construction, will sprout oats, barley, etc., safely and quickly. Prices as follows:

No. 1, base and one section, two trays, capacity 30 to 60 hens ..... **$ 6.50**
No. 2, base and two sections four trays, capacity 75 to 100 hens **8.50**
No. 3, base and three sections, six trays, capacity 130 to 200 hens **10.25**

Improved Automatic Chick Greaser

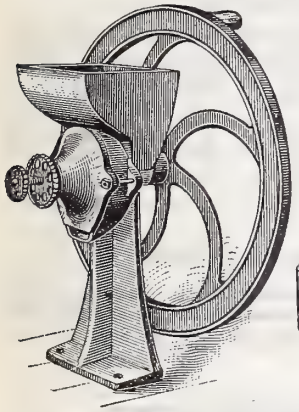
Saves the chicks from vermin. The chicken its own doctor. Will grease 100 chicken in a few minutes. Kills mites, fleas, lice and red bugs. The chicken, while eating out of the pan, rubs against the wick, greasing itself; you don't catch them. Put melted lard in the tank and feed in the pan, set pan in the yard among the chicks and see how quick it works; the chicken and wick come together and the vermin are killed. **No. 1 Machine, for 50 chicks, 75c. By parcel post, $1.00.**

Mann's Green Bone Cutter.

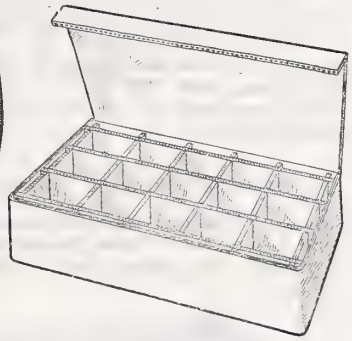
The standard bone cutter; easily adjusted; self-feeding. Send for illustrated catalogue of the Mann's machine. **No. 5BM, with stand, $10.00; No. 7 Mill, on iron stand, $11.50; No. 7½, semi-power, $14.00.**

Humphrey's Green Bone Cutter.

This is one of the leading bone cutters on the market. Ask for catalogue fully describing Humphrey's Bone Mill. **No. 1, hand power Cutter, $10.50; No. 2½, semi-power, each, $14.00.**

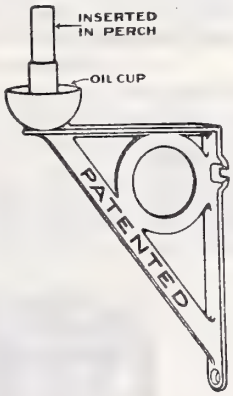


Model Grinding Mill



Andrew's Efficiency Hatching Egg Carrier

Eureka Oil Cup



Bracket Perch Support

Model Grinding Mill.

One of the best all-round mills yet produced. They are designed for grinding wheat, making graham flour and corn meal for family use. Grinds feed, either fine of coarse, for chickens; also shells, roots, salt, charcoal, etc. Capacity about as follows, depending on the condition of grain and fineness: No. 1, ½ to 1 bushel per hour; No. 2, ¾ to 1½ bushels per hour; No. 3, 1 to 2 bushels per hour.

Prices and Sizes.

No.	Height.	Weight.	Price.
1.	13 in.	20 lbs.	$2.50
2.	16 in.	35 lbs.	4.45
3.	18½ in.	63 lbs.	6.40

Andrew's Efficiency Hatching Egg Carrier

Air cushioned; a safe carrier for fine eggs for hatching. Extra strong, light and durable. These come all made up; saves trouble and time. Price.

15 egg size, doz. ..... $1.00; 2 doz. $1.90; parcel post, doz. $1.15
30 egg size, doz. ..... 1.70; 2 doz. 3.20; parcel post, doz. 1.90
50 egg size, doz. ..... 2.40; 2 doz. 4.50; parcel post, doz. 2.70
100 egg size, doz. ..... 4.50; 2 doz. 8.40; parcel post, doz. 4.85
Nothing less than 1 dozen sold at these prices.

Red Chief Grist Mill.

A good strong, reasonable price mill; easily adjusted for grinding coarse or fine. **Price, $2.00 each. By parcel post, $2.60.**

Black Hawk Grinding Mill.

A most useful and substantial grinding machine for poultrymen as well as for farm and family use. **Price, $3.00 each. By parcel post, $3.60.**

Eureka Oil Cup Bracket Perch Support

This will get rid of mites and lice. Sure death; never fails. You keep the cup full of oil, Zenoleum or Carbolineum, and the little pests drown or keep away. **Price, Bracket Perch Support, each, 25c; 2, 45c; 12, $2.50. Price, Oil Cup without Bracket, each, 15c; 2, 25c; 12, $1.50. By parcel post, Bracket Perch Support, each 35c; 6 for $1.75; Oil Cup without Bracket, each 20c; 6 for $1.00.**

Ajax Vitalizers.

Get big hatches by adding one of these machines on your incubator. Every time the Ajax Vitalizer is used it will more than pay for itself. More chicks, better chicks and more profit; it's the one thing that will make success possible. **Price, complete, $4.00. By parcel post, $4.50.**

We supply extra cartridges, each, 50c. By parcel post, 60c.

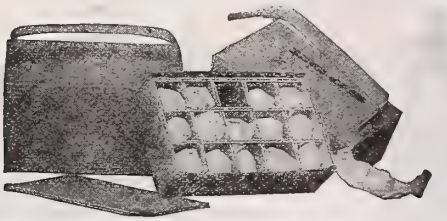
Andrew's Efficiency Commercial Egg Carrier

All one piece. No trouble to put together. Light, but strong. Just the thing for parcel post shipment. Gummed label with every box.

1 doz. egg size, dozen ..... $ .60; 2 doz. boxes $1.00
2 doz. egg size, dozen ..... .85; 2 doz. boxes 1.60
3 doz. egg size, dozen ..... 1.20; 2 doz. boxes 2.20
4 doz. egg size, dozen ..... 1.40; 2 doz. boxes 2.70
5 doz. egg size, dozen ..... 1.75; 2 doz. boxes 3.20

By Parcel Post:

1 doz. egg size, dozen ..... $ .70
2 doz. egg size, dozen 1.00
3 doz. egg size, dozen 1.35
4 doz. egg size, dozen 1.60
5 doz. egg size, dozen 2.00
Nothing less than one dozen sold at these prices.



The Eyrie Egg Shipping Box

Eyrie Egg Box

For shipping settings of eggs. Made from jute board and partitioned off with double-faced corrugated paper.

15 egg size 15c; 12 for $1.50. By parcel post, 25c; 12 for $1.90
30 egg size 25c; 12 for 2.50. By parcel post, 35c; 12 for 2.90

Anderson 15-Egg Shipping Box

Anderson Egg Boxes

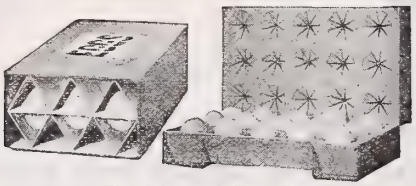
Similar to the Eyrie, made without handle, shipped in flat, saving freight or express charges.

15-Egg size, 15c; 12 for $1.25. By parcel post, 20c; 12 for $1.65
30-Egg size, 25c; 12 for 1.75. By parcel post, 35c; 12 for 2.15
50-Egg size, 35c; 6 for 1.50. By parcel post, 45c; 6 for 1.90
100-Egg size, 60c; 6 for 2.75. By parcel post, 70c; 6 for 3.25

Diamond Egg Carrier

Something new in a class by itself, box has cushions on all sides, impossible to break eggs. This is the strongest and safest egg shipping box on the market. **Price with double corrugation**

15-Egg size, each, 20c; doz., $1.75. By parcel post, each, $ .25
30-Egg size, each, 30c; doz., 3.00. By parcel post, each, .40
50-Egg size, each, 50c; doz., 5.00. By parcel post, each, .60
100-Egg size, ea., $1.00; doz., 11.00. By parcel post, each 1.25

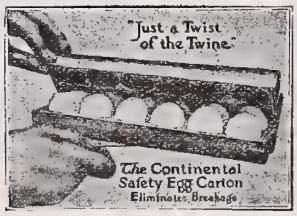


The Diamond Egg Box

Diamond Parcel Post Egg Box

The **Diamond Egg Box** has several advantages over any other box offered for shipping eggs by mail. No box, no matter what its construction, is safe where eggs set on a flat bottom. The V-shaped fillers hold the eggs in supension and protect them from breakage, besides being double corrugated. No other box has this feature.

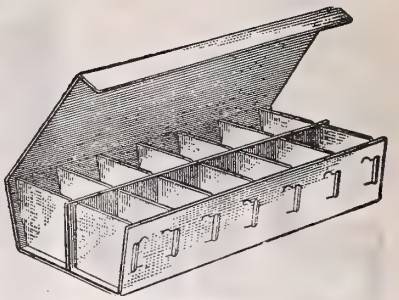
1 doz. egg size, double corrugated, doz..$1.40; parcel post $1.60
2 doz. egg size, double corrugated, doz.. 2.00; parcel post 2.35
4 doz. egg size, double corrugated, doz.. 3.00; parcel post 3.45
5 doz. egg size, double corrugated, doz.. 3.50; parcel post 4.00
8 doz. egg size, double corrugated, doz.. 5.50; parcel post 6.25



Continental Paper Board Egg Box.

Safe, scientific, simple, has shock absorbing air cushion all around each egg, each egg is held in a separate nest—held absolutely tight, made in one piece. **Price, doz., 20c; 100 for $1.00; 1000 for $8.50. By parcel post, doz., 30c; 100 for $1.35.**

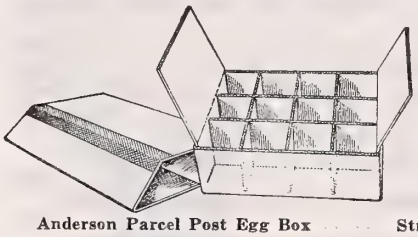
See Page 79 for Prices



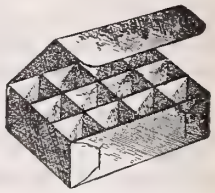
Key's Patent Egg Carton

Key's Patent Egg Case Carton.

A moderate price box. It is well made, compact, strong and safe, the outside being made of one piece heavy cardboard, therefore holds its shape and holds the eggs firmly. **Doz., 20c; 100, $1.00; 1000, $8.00; 5000 at $6.50 per 1000. Printed with your name in 5000 lots without any extra cost.**



Anderson Parcel Post Egg Box



Strawboard Paper Egg Box.

Anderson Parcel Post Egg Box

This shipping package is so constructed that each egg is separated by a thickness of corrugated board, and the entire contents are surrounded by a double wall of air-cushioned corrugated board. **Prices as follows:**

1 dozen egg, each 10c; dozen $ .65 By mail, dozen $ .80
2 dozen egg, each 12c; dozen .90 By mail, dozen 1.15
3 dozen egg, each 15c; dozen 1.25 By mail, dozen 1.50
4 dozen egg, each 20c; dozen 1.50 By mail, dozen 1.80

Strawboard Paper Egg Boxes.

These are intended for delivering eggs to consumers. Hold one dozen each. **Price, 20c per doz. boxes; 50 for 60c; 100 for $1.00. By parcel post, 12 for 27c; 50 for 80c; 100 for $1.40.**

Self-Locking Quality Egg Carton.

For delivering eggs to customers. Cannot be used for shipping. Shaped long, two rows, holding six eggs each; strong, well locked. **Price, doz., 20c; 50 for 75c; 100 for $1.25; 1000 for $10.00. By parcel post, doz., 35c; 50 for $1.00; 100 for $1.60.**

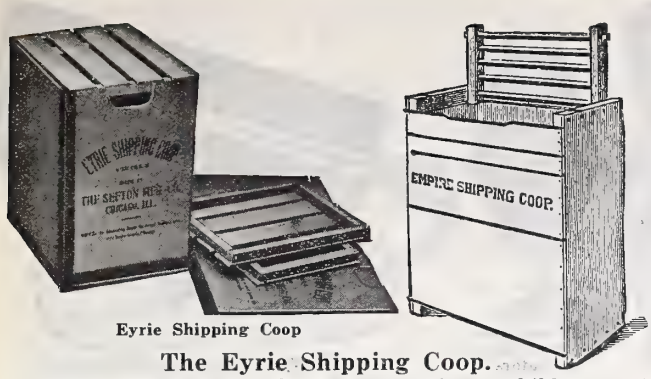
Sefton Live Chick Shipping Box.

How have you been shipping your little chicks? Why not use an up-to-date box, made especially for them? We have that box. It is made from corrugated paper as the Anderson Egg Box. For shipment it is folded flat, but can be easily set up and made ready for use.

25-Chick size boxes.....each, 20c; doz., $1.70
50-Chick size boxes.....each, 25c; doz., 2.30
100-Chick size boxes.....each, 35c; doz., 3.90

By Parcel Post.

25-Chick size boxes.....each, 27c; doz., $2.00
50-Chick size boxes.....each, 35c; doz., 2.30
100-Chick size boxes.....each, 45c; 6 for 2.40



Eyrie Shipping Coop

The Eyrie Shipping Coop.

Shipped flat and so simple in construction a child can set them up. **Prices:**

No. A. Size 12x16x18, will hold 2 fowls, each.....$ .35
No. B. Size 12x18x22, will hold 3 fowls, each..... .45
No. C. Size 12x22x22, will hold 4 fowls, each..... .55
No. D. Size 20x22x22, will hold 5 fowls, each..... .65
No. E. Size 20x24x22, will hold 6 fowls, each..... .75

By parcel post, No. A, each 45c; No. B, each 55c; No. C, each, 70c; No. D, each, 80c; No. E, each, 90c.

The Empire Rod Top Shipping Coop

The finest coop on the market, made of ⅜-inch dry white pine, light and strong, made with open rod top, no nailing of top required, coops come knocked down, but are easily put together. **Prices:**

Single Coop 12x22x25, weight 8 lbs., each $ .85; By post $1.05
Trio Size 18x22x25, weight 12 lbs., each 1.00; By post 1.25
Pen Size 22x22x25, weight 15 lbs., each 1.20; By post 1.60

Excelsior Wood Shipping Coops.

Well made ends and sides, cleated, having opening at top for ventilation. All parts bundled separately and can be set up very easily. Made of 3/16 poplar and gum.

Price, 1-Bird Excelsior Coop, f. o. b. Memphis, each .....$ .40
Price, 2-Bird Excelsior Coop, f.o.b. Memphis, each ..... .50
Price, 3-Bird Excelsior Coop, f.o.b. Memphis, each ..... .60
Price, 5-Bird Excelsior Coop, f.o.b. Memphis, each ..... .75

Excelsior Rod Top Returnable Wood Coops.

Very similar to the plain shipping coop above, excepting the half-top is made of hardwood, same being operated by turning rod to close or open the coop. **Prices, knocked down:**

1-Bird Rod Top Coop, f.o.b. Memphis, each .....$ .60
3-Bird Rod Top Coop, f.o.b. Memphis, each ..... .80
5-Bird Rod Top Coop, f.o.b. Memphis, each 1.00

Andrew's Safety Shipping Coops

Very light, strong and compact. No hammer or nails required. Can be used over and over again. Made of heavy cardboard, waterproofed inside and out, bottom and top made of wood; these are held in place by steel cotter keys. These are sure enough the Efficiency Koop. **Prices**

1 to 3 bird size, ea. 60c; 6 for $3.00; By parcel post, each $ .75
2 to 4 bird size, ea. 75c; 6 for 4.00; By parcel post, each .90
5 to 8 bird size, ea. 90c; 6 for 4.50; By parcel post, each 1.10

Star Hog Oilers

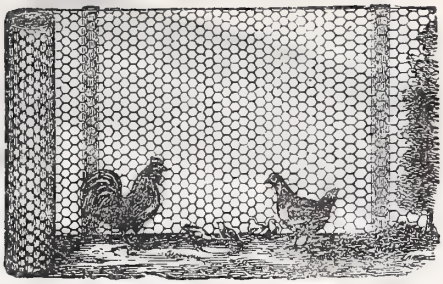
Cures Mange—Kills Lice. Keeps yard and pens constantly disinfected and reduces danger of cholera by improving condition and health of the animal. Last year alone Hog Cholera carried off $80,000,000 worth of hogs. It is reported that a prominent veterinarian in the field at the time of the outbreak last year—after observing thousands of cases, said "I have yet to find a single hog that has died of cholera that was not infested with lice." Therefore keep your hogs free from lice. You can do it with the Star Oiler and a little oil. The oiler is a three bar, positive feed machine. Heavy and strong, and which will not waste oil, an exact amount being given out at each movement of the rubbing bar. No sticking, no clogging, no leaking. The hogs like it. **Complete outfit, each $8.50 Medicated Hog Oil, 5 gallon cans, $2.50.**

Philadelphia Caponizing Set—With the proper instruments, caponizing is a simple lesson, wholly mastered by a few minutes' study. This outfit is very complete. **Price, $2.75, parcel post paid.**

Cypher's Toe Marker

The Cypher's Toe Marker is accurately fitted for cutting a clean hole. It has a separate stop between the jaws to prevent bruising the web of the foot. **Price each, 50c, parcel post paid.**

Galvanized Wire Poultry Netting.



We furnish Poultry Netting in large and small meshes; 150 feet in a roll. We do not break rolls or sell less than original package. The following prices are f.o.b. Memphis:

Two-Inch Mesh.

2 feet high, per roll of 150 feet.....$1.75
3 feet high, per roll of 150 feet..... 2.50
4 feet high, per roll of 150 feet..... 3.25
5 feet high, per roll of 150 feet..... 4.00
6 feet high, per roll of 150 feet..... 4.50

One-Inch Mesh.

1 foot high, per roll of 150 feet.....$1.75
2 feet high, per roll of 150 feet..... 3.25
3 feet high, per roll of 150 feet..... 5.00
4 feet high, per roll of 150 feet..... 6.50

Clay Pigeon Nest

Wire Hen's Nest

Wire Hen's Nest.

These nests are intended to be fastened with screws or screw hooks—if wanted removable. They afford no place for vermin and allow the air to circulate freely, advantages not obtained when wooden boxes are used. They are intended to be filled with straw, which can be readily removed, **Each, 20c; doz., $2.00. By parcel post, each, 35c; six for $1.50.**

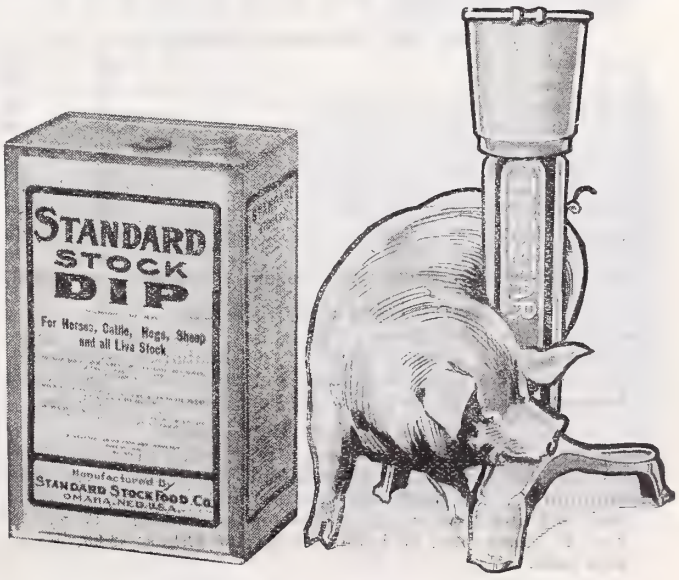
Clay Pigeon Nests.

Made of high-grade and valuable clay, terra cotta in color. Diameter 8 inches. **Each, 15c; 2, 25c; doz., $1.20; 100, $9.00, f.o.b. Memphis.**

Empire Exhibition Coops

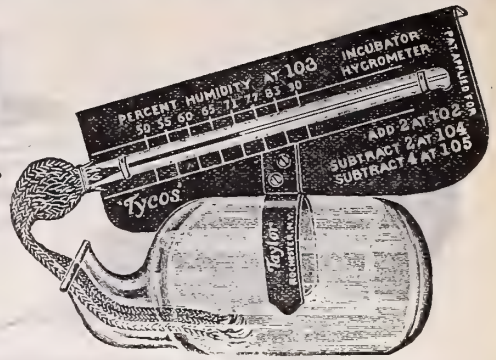
Finished in finest style. Strong and durable. **1 bird size, each $3.75. 5 bird size, each, $5.50.**

Standard Stock Dip and Disinfectant—The very best Stock and Hog Dip on the market. For dipping Hogs and Sheep one gallon makes 60 gallons of strong dip by mixing with water. **Price, 1 gallon $1.25; 5 gallons, $4.90.**



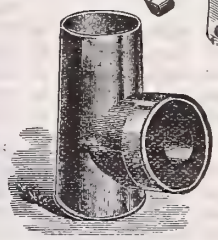
No. 5770 Stand up style Incubator Thermometer

Buckeye Gas Burner For Incubators



Tycos Incubator Hygrometers

No. 5774 Incubator Thermometer



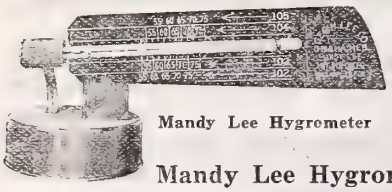
X-Ray Egg Tester.

Incubator and Brooder Thermometers.

	Each.	Par. Po
Buckeye Incubator Thermometer	$ .50	$ .60
Cycle Hatcher Incubator Thermometer	.50	.60
Cypher's Incubator Thermometer	.60	.65
Mandy Lee Incubator Thermometer	.75	.90
Prairie State Incubator Thermometer	.75	.80
Schwill's Tycos Thermometer, No. 5770	.50	.60
Schwill's Tycos Thermometer, No. 5774 (without wire)	.50	.60
Schwill's Tycos Brooder Thermometer, No. 5792	.35	.45
Wires for Hanging Thermometers	.10	.15

X-Ray Egg Tester.

Designed for use on an ordinary hand lamp and fits over any style burner with a diameter approximately that of the tester. **Each, 25c. By parcel post, 35c.**



Mandy Lee Hygrometer

Incubator Lamp

Mandy Lee Hygrometer.

Registers accurately the percentage of moisture in the egg chamber, and directions that go with it show absolutely what percentage of moisture is needed during each day of incubation and how the desired amount may be maintained, regardless of the humidity of the outer air. Can be used in any incubator. **Price of the Mandy Lee Hygrometer, $2.00 each, parcel post paid. Extra wicks, 10c each, 3 for 25c.**

Incubator and Brooder Lamps.

	Each.	Par. Po.
No. 1 Lamp Bowls	$ .60	$ .75
No. 2 Lamp Bowls	.65	.80
No. 3 Lamp Bowls	.75	.90
No. 1 Lamp Burners	.35	.40
No. 2 Lamp Burners	.40	.50
No. 3 Lamp Burners	.50	.60
Oakes Hydro Safety Lamp No. 1	1.00	1.15
Oakes Hydro Safety Lamp No. 2	1.25	1.40
Oakes O. K. Burner No. 2	.45	.50
Oakes O. K. Burner No. 3	.60	.70

Lamp Wicks, cotton, all sizes, dozen, 25c, parcel post paid.

Special Incubator Wicks.

Red Felt Wick—They burn brighter, last longer and give more uniform blaze. Especially made for Incubators and Brooders. **We have them in 3 sizes, for No. 1, No. 2 and No. 3 burners. Price, 30c per doz. By parcel post, 40c per doz.**

Colored Leader Leg Bands

Adjustable, can be cut to fit any size. Large, plain numbers on five different colors of celluloid, which are encased in aluminum. The best and most simple colored leg band that has numbers on them now on the market. **12 bands, 35c; 25 bands, 60c; 50 bands, $1.10; 100 bands, $2.00, parcel post paid.**

Tycos Incubator Hygrometers.

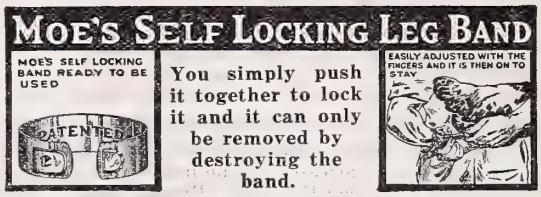
Millions of chicks die in the shell every year for the want of proper moisture conditions. The importance of a correct percentage of moisture during incubation has made the "Tycos" Incubator Hygrometer as necessary as the "Tycos" Incubator Thermometer. Neither takes the place of the other, but together they give the practical poultry raiser all the facts required for successfully regulating the heat and moisture of an incubator. **Price, each, $1.00. By parcel post, $1.10.**

Buckeye Gas Burner.

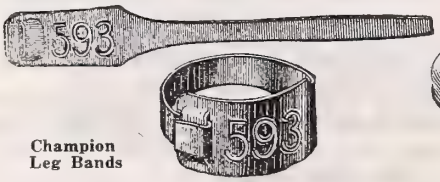
For Incubators and Brooders.

A gas burner can be substituted for the oil lamp on Buckeye or any other style of Incubators or Brooders. It is economical and clean. It requires no attention and can be attached to any gas burner. A piece of rubber gas tubing does it. **Price, $1.25 complete; parcel post paid.**

Leg Bands.



The simplest and most durable metal leg band on the market. Every band its own raised number. Manufactured in sizes for Mediterranean, American and Asiatic birds, also turkeys. **12 bands, any size. 15c; 100, $1.00, parcel post paid. In ordering be sure to state for what breed you want bands.**



Champion Leg Bands

Colored Spiral Leg Bands

Champion Leg Bands—This aluminum band is made in one piece, adjustable to fit any fowl. Held by double lock; it is impossible for them to lose off. Numbered from 1 to 200. **Price, doz., 15c; 25 for 25c; 100 for 75c, parcel post paid.**

Colored Spiral Leg Bands—Made in many different colors—red, green, blue, yellow, pink, white, etc. Will last a lifetime. Put on and taken off easily and quickly. Slip on just like a key ring; no tools required. Will not come off; fowls cannot lose or remove them. Made in all sizes. State for what breed you want the bands. Also made for baby chicks.

Price	12,	$ .20.	By parcel post, $ .25
Price	25,	.35.	By parcel post, .40
Price	50,	.60.	By parcel post, .65
Price	100,	1.00.	By parcel post, 1.10

Pigeon Leg Band—Doz., 25c; 100, $1.50, parcel post paid.

Smith Sealed Leg Bands—Doz., 25c; 25, 40c; 100, $1.50, parcel post paid.

Smith Sealers—Made especially for using on Smith Leg Bands. **Each, 60c, parcel post paid.**

Pettey Poultry Punch.

Cuts clean hole with ease. **Price, 25c, parcel post paid.**

Rogers Spring Punch—A strong, well made, durable punch that is convenient to use and makes a clean cut hole in the web. **Price, each, 40c, parcel post paid.**

We are Authorized Agents for Genuine

Cyphers Company Incubators

Standard Made in Three Styles Eight Different Sizes

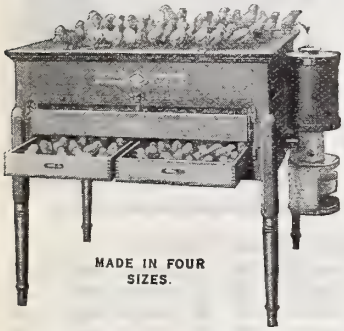
For the season of 1916 we offer our customers the Cyphers Incubator Company's complete line of Incubators **three styles** of high-class, guaranteed hatching machines, running through **eight different sizes,** represent all that is efficient, convenient and reliable in incubator construction. Prices we quote below are all F. O. B. Memphis, Terms Cash. In buying a Cyphers Company Incubator you take no chances. Write for Complete Catalogue of Cyphers Incubators and Brooders.

STANDARD CYPHERS INCUBATORS

These are machines that **for nineteen years** have been recognized as the "standard hatchers of the world." Tens upon tens of thousands of them have been sold and are in **successful use in every civilized country on the globe.** They are the last word to date in incubator building, not a penny being spared anywhere in their construction to make sure of their doing satisfactory work in all **climes, under widely different conditions,** in the hands of all sorts of people. Are built in four popular sizes and at prices as follows: **70 eggs, price complete, $15.00; 144 eggs, price complete, $23.00; 244 eggs, price complete, $34.00; 390 eggs, price complete, $40.00. Satisfaction, or your money back.**

COLUMBIA HOT-AIR INCUBATORS

Are built to meet the wide-spread demand for large capacity, lamp-heated machines that can be sold at **surprisingly low prices** and yet be guaranteed to do high-class work. Have wooden cases, attractively finished in dark green, with brass trimmings and double walls. **Same regulating equipment as used on highest priced machines.** Fume-proof, forced draft heater. Automatic in ventilation and embodies diffusive principle. Roomy chick nursery under egg trays. Are made in two sizes: **140 eggs, price complete, $16.00; 250 eggs, price complete, $22.00. Fully Guaranteed.**



Standard Cypher's Incubator

SUPERIOR HOT-WATER INCUBATORS

These machines are exactly what the name says. They are heated by hot water, instead of with hot air and are "superior" **in every detail.** The water boiler and tank (tubular) are of heavy-weight copper. Incubator case **is of wood,** attractively finished in golden brown, with brass trimmings, and has **double walls,** with air space insulation. Same regulator as used on higest priced machines. Have **forced water circulation** and are automatic in ventilation. Roomy chick nurseries. Are built in two sizes: **65 eggs, price complete, $12.00; 130 eggs, price complete, $16.00. Fully guaranteed.**

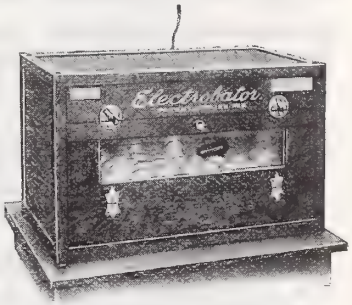
Columbia Hot Air Incubator

ELECTRIC INCUBATORS

The use of electricity in hatching and brooding has several advantages over the usual methods. Convenience in operation and saving in labor are important items, while absence of fumes and gases allows of locating the apparatus wherever most convenient. Regulation is simple and accurate, and is electrically controlled. Heat distribution by this method is very uniform.

CYPHERS ELECTROBATOR—Made in two sizes, finely finished, quarter sawed oak cases. **No. 1 Electrobator, capacity 60 hen eggs, price, $18.00. No. 2 Electrobator, capacity 120 hen eggs, price $24.00.**

Superior Hot Water Incubator



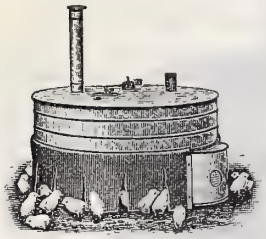
Cyphers Electrobator

CYPHERS PORTABLE HOVER

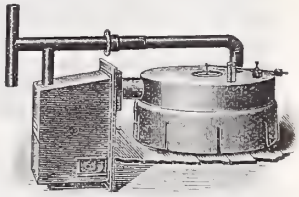
This Hover is Self-Regulating, Self-Ventilating, all-metal, and will last a lifetime. Capacity 75 newly-hatched chicks. Should be used indoors during winter weather. Unexcelled for use in ordinary poultry houses, colony houses, and large sized roosting coops. Is easy to move, easy to clean. **Price, $9.00.**

CYPHERS ADAPTABLE HOVER

This Hover is used in all Standard Cyphers Brooders, but is also complete in itself and is intended to be used separately in brooding houses, colony coops, portable houses and in home-made brood coops. Is Self-regulating, Self-ventilating and bears the Underwriters Inspected Brooder Label. Capacity, 75 newly-hatched chicks. **Price, $9.00.**



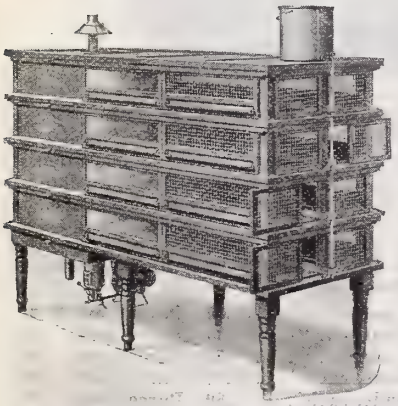
Cyphers Portable Hover



Cyphers Adaptable Hover

THE PARADISE BROODER

The best indoor brooding device for newly hatched chicks and ducklings. Complete brooder has four sections, each section holding two separate flocks of 50 chicks. Total capacity, 400 chicks. Means for feeding, and caring for chicks are very convenient and chicks are always under control of the operator. One large oil heater provides warmth. Chicks have proper heat, light, ventilation, fresh water and room for exercise. **Price, Base Section, $20.00. Additional sections (can be added as desired), each, $15.00.**



The Paradise Brooder

CYPHERS COAL-BURNING COLONY HOVER

The latest development in the brooding of chicks. Will brood from 300 to 1,000 chicks in one flock, thereby reducing to the lowest point the time, labor and cost of raising fowls. Has cast iron fire pot and ash pit. Galvanized iron, conical hover dome is movable up and down. Automatic regulator controls heat, only two coalings per day required. Easy and as safe to operate as kitchen range. **Prices:**

Outfit No. 1—With small heater and 42-inch dome, without automatic Regulator, shipping weight 150 pounds, capacity 300 to 600 chicks.....$20.00

Outfit No. 2—Same as Outfit No. 1, except has automatic regulator $25.00

Larger sizes supplied at factory prices.

Cypher's Coal Burning Colony Hover

Buckeye Incubators.

We are the authorized agents for the celebrated Buckeye Incubators. These are hot water machines, well made and easy to operate. Owing to the satisfactory operation and the moderate price at which they are sold, there are probably more Buckeye Incubators in use today than any other make. These machines are sold under an absolute guarantee, and with good treatment will last for years They are so simple that a beginner can operate them without any previous experience. These Incubators are equipped with every desirable device that can possibly add to Incubator efficiency and are pronounced by experts to be the world's best hatchers.

Buckeye No. 14 style E, 60 egg incubator, price.....$ 7.50
Buckeye No. 15 style H, 60 egg incubator, price..... 9.50
Buckeye No. 16 style E, 110 egg incubator, price..... 12.50
Buckeye No. 17 style E, 200 egg incubator, price..... 17.50
Buckeye No. 60 Standard 60 egg incubator, price..... 13.50
Buckeye No. 1, Standard 110 egg incubator, price..... 17.50
Buckeye No. 2 Standard 175 egg incubator, price..... 22.50
Buckeye No. 3 Standard 250 egg incubator, price..... 28.50
Buckeye No. 4 Standard 350 egg incubator, price..... 33.50
Complete catalog of Buckeye Incubators mailed on application

Buckeye Klose Kontact Portable Hovers

Buckeye No. 75, 60 to 75 chick size, price.....$7.50
Buckeye No. 150, 125 to 150 chick size, price..... 9.50

Buckeye Lampless Brooders.

Buckeye No. 5 Indoor 25 chick size, price.....$1.50
Buckeye No. 4 Outdoor 50 chick, old style, bargain, price 3.50

Buckeye Incubator Extras.

Buckeye Incb. Thermometers, each	$ .75	By parcel post	$ .80
Buckeye Incb. Thermometer holders, each	.15	By parcel post	.15
Buckeye Incb. Lamp Bowls, ...each	.75	By parcel post	.85
Buckeye Incb. Lamp Burners, .each	.40	By parcel post	.45
Buckeye Incb. Lamp Chimneys, each	.35	By parcel post	.45
Buckeye Incb. Ad. Rod and Set Screw, each	.30	By parcel post	.35
Buckeye Egg Testers.....each	.30	By parcel post	.35
Buckeye Incb. Lamp Wicks ...doz.	.25	By parcel post	.30

Other parts quoted on request. When ordering lamp bowls always give height and width of the old lamp.

Cycle Hatchers or Metal Mother Incubators.

The Cycle Hatcher is designed to take the place of the hen and the large, clumsy incubators, and to carry out the development of the embryo chick in the egg to a living, healthy bird by a device approaching nearer to the stage of perfection in construction, operation and control of the moisture than anything on the market to date. **50-egg Cycle Incubator, each, $6.50, f. o. b. Memphis. If shipped direct from factory, price, $6.00. Cycle Brooder Hatchers, each, $8.50 f. o. b. Memphis, if shipped from factory, price $8.00.**

The Standard Colony Brooder Stove

The most remarkable coal-burning brooder yet introduced, self feeding, self regulating, simple and safe. Saves time, labor and money. Guaranteed operating cost less than six cents a day. Broods 1500 chicks. Ask for complete descriptive circular. **Price, $15.00 each, f. o. b. Memphis.**

The International Sanitary Hover.

This hover can be picked up and carried around with ease and used anywhere. It gives equally good results in a hen house, barn, cow stall, piano or dry goods box. It is circular in shape; is made of metal throughout, and fireproof. The hover sets on floor just as a mother hen does. The lamp can be lifted out through the top and the operator does not need to kneel in the dust. There is no possibility of gases and fumes from the lamp getting into the air breathed by the chicks. The thermometer can be lifted out, looked at and dropped back without moving the hover (see illustration). Can also be used as an oat sprouter. It will do the work quickly and satisfactorily. Ask for circulars. **Price, all complete, each, $8.50; 4 for $32.00.**

International Sanitary Hover.

Special Incubator Oil.

Won't smoke; highest quality; **5 gallon can, $1.25.**

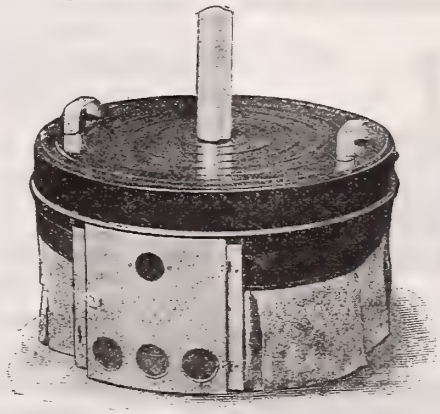
Extras for International Hovers.

Int. Hover Thermometers ....each,	$ .50	By parcel post	$ .60
Int. Hover Lamp Bowls .....each,	.50	By parcel post	.65
Int. Hover Lamp Burners.....each,	.40	By parcel post	.50
Int. Hover Lamp Chimneys...each,	.35	By parcel post	.40

Prairie State Incubators, Brooders and Hovers.

No. 0 Prairie State 100 Egg Incubator.....$18.00
No. 1 Prairie State 150 Egg Incubator..... 22.50
No. 2 Prairie State 240 Egg Incubator..... 32.00
Prairie State Keystone 60 Egg Incubator 9.00
Prairie State Keystone 100 Egg Incubator 12.00
Prairie State Colony Brooder No. 1 ..... 20.00
Prairie State Colony Brooder No. 2 ..... 16.00
Prairie State Colony Brooder No. 3 ..... 12.00
Prairie State Universal Hover, plain 6.00
Prairie State Universal Hover, with lamp case 7.00
Prairie State Universal Hover, with regulator 8.00
Prairie State Portable Hover 9.00
Prairie State Hover Regulator.....$1.50; by parcel post, 1.75

Full catalogue of Prairie State Incubators, Hovers, etc., sent by mail if requested.



The Oakes Economy Brooder Hover

All galvanized steel, light, strong, durable. Can be used any where, as it stands on a level floor, in a box, or brooder house. Furnishes plenty of heat with a small lamp flame. **Price, each, $5.00, f. o. b. factory; price, each $5.50, f. o. b. Memphis.**

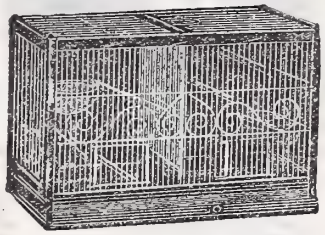
Burners and Lamps for Cyphers Incubators and Brooders.

No. 0 Cyphers Burners, each	$ .35	Parcel post	$ .40
No. 1 Cyphers Burners, each	.45	Parcel post	.50
No. 2 Cyphers Burners, each	.50	Parcel post	.60
No. 0 Cyphers Lamp Bowls, each	.50	Parcel post	.60
No. 1-2 Cyphers Lamp Bowls, each	.60	Parcel post	.75
Connecting Rods and Nuts, each.....	.35	Parcel post	.40

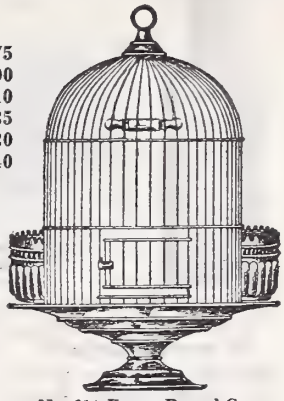
Bird Cages and Bird Supplies

Japanned Canary Bird Cages.

No. 165,	New Style Japanned Cage,	9½x6½ ins.	$ .75
No. 165, DB	New Style Japanned Cage,	9½x6½ ins.	1.00
No. 166,	New Style Japanned Cage,	10 x7 ins.	1.10
No. 166, DB	New Style Japanned Cage,	10 x7 ins.	1.35
No. 167,	New Style Japanned Cage,	11 x7½ ins.	1.20
No. 167, DB	New Style Japanned Cage,	11 x7½ ins.	1.40



Metal Breeding Cage.



No. 6½ Fancy Round Cage with Seed Guard.

No. 6½, Fancy Round Cage, with seed guard	2.00
No. 86, Metal Breeding Cage, 20x10x14 ins.	2.40
No. 87, Metal Breeding Cage, 22x11x15 ins.	2.60
No. 88, Metal Breeding Cage, 24x12x16 ins.	3.00

If wanted by parcel post, add 35c each for packing and postage.

Canary Birds

Hartz Mountain Canary Birds

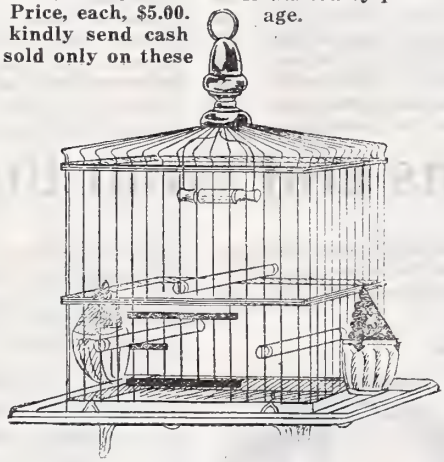
This is the most popular of all birds, as well as the most satisfactory songster. Each bird is tested and known to be in full song before leaving the store, and we guarantee every one. **Price, each $3.50 to $4.00. Females, each, $1.00 to $1.25; f. o. b. Memphis at owner's risk. Canaries cannot be shipped in cold weather.**

St. Andreasburg Canaries

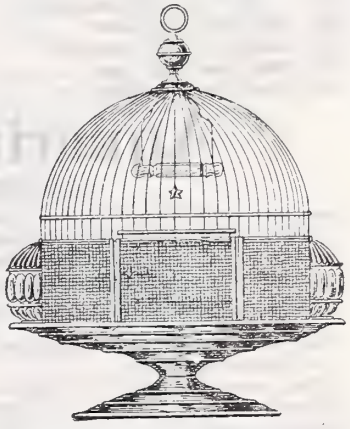
The sweetest singers on earth. Fully trained; every bird thoroughly tested before being sent out. **Price, each, $5.00.**

Note—When ordering Birds or Gold Fish, kindly send cash with order. This class of merchandise is sold only on these terms.

Brass Canary Bird Cage.



Japanned Canary Bird Cage



No. 275 Round Brass Cage

Brass Canary Bird Cages.

No. 5000	Brass Cage, 8¼x5½-in., each	$1.00
No. 5000 DB	Brass Cage, 8¼x5½-in., each	1.35
No. 5004	Brass Cage, 9⅝x6½-in., each	1.35
No. 5004 DB	Brass Cage, 9⅝x6½-in., each	1.70
No. 5006	Brass Cage, 10⅜x7⅛-in., each	1.60
No. 5006 DB	Brass Cage, 10⅜x7⅛-in., each	2.00
No. 5008	Brass Cage, 10¾x7¾-in., each	1.90
No. 5008 DB	Brass Cage, 10¾x7¾-in., each	2.30
No. 5010	Brass Cage, 13 x8½-in., each	2.25
No. 5010 DB	Brass Cage, 13 x8½-in., each	2.75

All cages marked DB have removable bottom for cleaning.

Fancy Brass Cages.

These are all handsome fancy styles, every one an ornament.

No. 8020	Brass Bungalow Square Cage, each	$5.00
No. 8050	Brass Bungalow Square Cage, each	5.50
No. 9000	Brass Colonial Square Cage, each	7.00
No. 6020G	Brass Round or Globe Cage, each	5.50
No. 2583	Brass Chinese Square Cage, each	5.50
No. 275	Brass Round Cage, each	3.50
No. 25	Brass Extra Fancy Square Cage, each	4.00

If wanted by parcel post, add 35c each for packing and postage.

Metal Parrot Cages

Round, Metal Cages, each	$3.00 to $3.50
Square, Metal Cages, each	3.50 to 4.00
Cups, Metal, for Parrot Cages, each	.35

Bird Cage Stands.

Very useful stand for hanging your bird.

Iron Stand, strong and durable	Price $3.50
Brass Stand, very handsome, an ornament	Price 9.00

Bird Gravel Paper

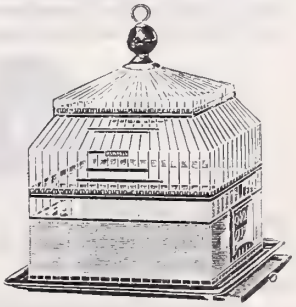
Gravel Paper

For the bottoms of Bird Cages. 7½x10 in. Will fit all oblong Canary Cages. **Per box, 12 sheets, 15c.**

Outside Bird Bath Houses.

Fits outside cage and does not permit bird to wet cage when bathing. **Each, 35c. Price, by parcel post, 45c.**

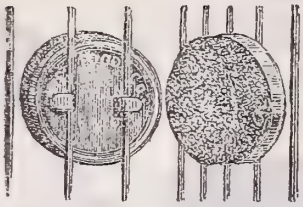
Brass Bungalow Cage No. 8020



Fancy Brass Cage No. 25

Philadelphia Bird Food.

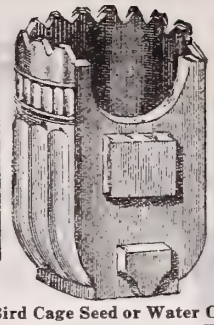
These are all especially prepared for birds, and are of the very best quality. Our stocks are complete at all times, so your order can be filled prompt.



Showing How to Use Philadelphia Bird Manna.

Phil. Bird Manna—The best tonic for Canaries; keeps them in good condition; helps moulting. Each, 15c; 2 for 25c, parcel post paid.

Phil. Mixed Canary Seed	pt. box, 15c; parcel post,	$ .25
Phil. Sicily Canary Seed	pt. box, 15c; parcel post,	.25
Phil. Silver Gravel	pt. box, 10c; parcel post,	.20
Phil. Red Gravel	pt. box, 10c; parcel post,	.20
Phil. Mocking Bird Food	pt. jar, 25c; parcel post,	.35
Phil. Parrot Tablets	box, 25c; parcel post,	.30
Phil. Bird Bitters	bottle, 25c; parcel post,	.30
Phil. Bird Eye Water	bottle, 25c; parcel post,	.30
Phil. Bird Mite Exterminator	box, 25c; parcel post,	.30
Phil. Bird Moulting Pepper	box, 25c; parcel post,	.30
Phil. Color Food for Canaries	box, 25c; parcel post,	.30
Phil. Mexican Bird Salve	box, 25c; parcel post,	.30
Phil. German Song Restorer	box, 25c; parcel post,	.30
Phil. Bird Nestling Food	box, 25c; parcel post,	.30
Phil. Bird Nesting Hair	box, 5c; parcel post,	.10



Bird Cage Seed or Water Cup.

Bird Cage Bracket

Miscellaneous Bird Supplies.

Bird Cage Seed Cups, Opal	each, 10c; parcel post,	$ .15
Bird Cage Seed Cups, Glass	each, 10c; parcel post,	.15
Bird Cage Seed Cups, Hendryx	each, 10c; parcel post,	.15
Bird Cage Bath Cups	each, 10c; parcel post,	.15
Bird Cage Brackets, brass, 8-in.	each, 15c; parcel post,	.20
Bird Cage Brackets, brass, 12-in.	each, 25c; parcel post,	.30
Bird Cage Brass Springs	each, 10c; parcel post,	.12
Bird Cage Brass Chain with springs,	each, 25c; parcel post,	.30
Bird Cage Nests, Wire	each, 10c; parcel post,	.15

Bird Seed.

Canary Seed, plain	1 lb., 15c; parcel post,	$ .25
Canary Seed, mixed,	1 lb., 15c; parcel post,	.25
Hemp Seed	1 lb., 10c; parcel post,	.20
Millet Seed	1 lb., 10c; parcel post,	.17
Rape Seed	1 lb., 15c; parcel post,	.25
Sunflower Seed	1 lb., 15c; parcel post,	.25
Spratt's Parrot Food	pkg., 15c; parcel post,	.25
Spratt's Dog Soap	pkg., 25c; parcel post,	.30
Mocking Bird Food, Defiance	box, 25c; parcel post,	.35
Cuttle Fish Bone, 2 for 5c	1 lb., 50c; parcel post,	.60
Cuttle Fish Bone, with holders,	each, 10c; parcel post,	.12

Aquariums and Gold Fish Supplies

Gold Fish

American Gold Fish—The well known bright scarlet and gold color. Small, each, 10c; medium, each 15c; large, each, 50c; extra large, each, $1.00; tadpoles, scavengers, each, 10c. Tin buckets for shipping, extra, 15c, each.

Gold Fish Bowls.

Glass Bowls—Made of clear glass, in following sizes—

1 Pint, each	$ .15
1 Quart, each	.25
2 Quarts, each	.35
4 Quarts, each	.60
6 Quarts, each	.75
2 Gallons, each	1.00
3 Gallons, each	1.50

These cannot be sent by parcel post, they must go by freight or express, at buyer's expense.

Gold Fish Bowl.

Footed or Standing Fish Globes.

These are raised up on a glass base and are handsomer than the ordinary fish globe.

1 gallon size, each	$1.25
2 gallon size, each	2.25
3 gallon size, each	3.00

Prices are packed f.o.b. Memphis.

Aquariums.

Neat and well made with steel frame.

Ideal Slate Bottom Aquariums, 3 gallons	$3.50
Ideal Slate Bottom Aquariums, 6 gallons	4.00
Ideal Slate Bottom Aquariums, 9 gallons	5.00
Ideal Slate Bottom Aquariums, 12 gallons	6.00

Aquarium Castles.

No. 1 No. 2 No. 3 No. 4

No. 1, Open Castle, each	$ .40
No. 2, Round Grotto, each	.40
No. 3, German Castle, each	.25
No. 4, Plain Grotto, each	.25

Other small ornaments at 25c and 35c each.

Fish Food, Etc.

Aquarium Cement, per can	$ .50
Aquarium Nets, each	.15
Natural Fish Food, pkg.	.10
Wafer Fish Food, pkg.	.10
Gravel, per quart	.25
Sea Shells, per quart	.60
Sea Shells, per half-pint box	.15
Cobomba Fish Moss	bundle, 10c; by mail .15

If wanted by mail, always send extra stamps to the amount of 10 cents for postage.

"For Your Dog's Sake."

Vermilax Supreme Dog Remedies.

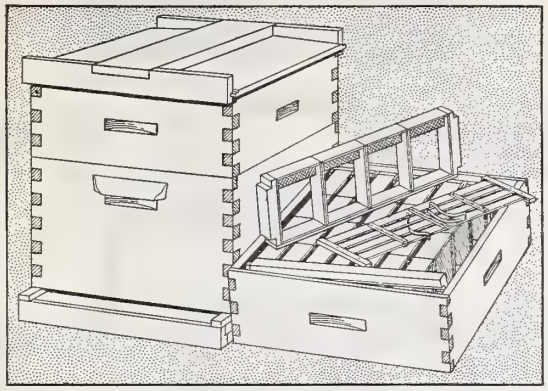
Owners of pets and valuable dogs can rely on purity, safety and sterling usefulness of Vermilax Remedies. Any of the following preparations sent parcel post paid on receipt of price:

Blood Purifying Tablets	$ .50	Kidney Tablets	$ .50
Cankered Ear Lotion	.50	Liniment	.50
Chorea Tablets	.50	Mange Remedy	1.00
Condition Tablets	.50	Mouth Wash	1.00
Cough Syrup	.50	Rheumatic Tablets	.50
Diarrhoea Tablets	.50	Shampoo	.50
Distemper Remedy	1.00	Skin Cleanser	.50
Eye Lotion	.50	Skin Cleansing Cream	.50
Fever Tablets	.50	Soap, Animal	.50
Flea Powder	.25	Soap, for Puppies	.50
Germicide & Disinfectant	.50	Tonic Tablets	.50
Gum Set	.50	Vermilax Worm Remedy	1.00

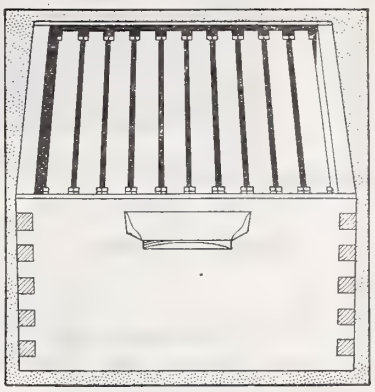
Be sure to send for Dr. Delaney's book on dogs. It's free.

Bee Hives and Supplies

We carry a full line of the celebrated Lewis Bee Ware, manufactured by the G. B. Lewis Company, Watertown, Wisconsin, and furnish everything at factory prices, saving you freight and time. The following prices are f.o.b. Memphis:



Complete Bee Supply Catalog furnished upon application Write for one



One and One-Half and Two-Story Hives.

For Comb Honey.

Including Section Boxes and Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1½ Story, 8 Frame	$2.70	$12.05	$23.70
1½ Story, 10 Frame	2.87	12.80	25.10
2 Story, 8 Frame	3.60	16.05	31.60
2 Story, 10 Frame	3.87	17.15	33.60

One and One-Half and Two-Story Hives.

For Comb Honey.

Not Including Section Boxes or Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1½ Story, 8 Frame	$2.35	$10.55	$20.70
1½ Story, 10 Frame	2.47	11.20	21.90
2 Story, 8 Frame	3.00	13.30	26.10
2 Story, 10 Frame	3.25	14.20	27.80

NOTE.—Hives for Comb Honey are always sent unless otherwise specified.

One-Story Hives.

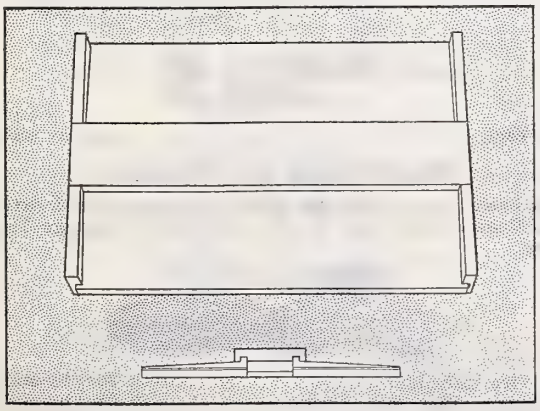
Including Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1 Story, 8 Frame	$1.80	$8.05	$15.80
1 Story, 10 Frame	1.87	8.45	16.60

One-Story Hives.

Not Including Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1 Story, 8 Frame	$1.70	$7.80	$15.30
1 Story, 10 Frame	1.77	8.20	16.00



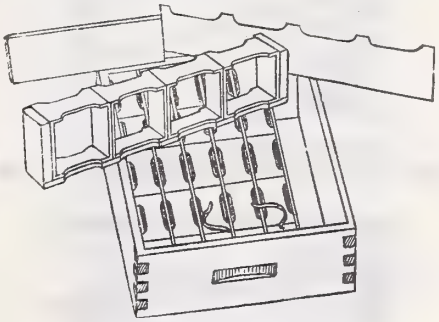
Covers for Hives.

In Flat, including Nails.	1 Cover	5 Covers	10 Covers
8 Frame, Excelsior	$ .40	$1.90	$3.80
10 Frame, Excelsior	.43	2.05	4.10
8 Frame, Metal Roof, Inner Cover	.57	2.60	5.00
10 Frame, Metal Roof, Inner Cover	.60	2.70	5.30

Dovetailed Bodies.

When extra Bodies are wanted, the prices are as follows, including Brood Frames and Division Board and Metal Rabbets—

In Flat, including Nails.	1 Body	5 Bodies	10 Bodies
8 Frame	$1.00	$4.50	$8.80
10 Frame	1.02	4.65	9.10
8 Frame, without inside fixtures	.57	2.60	5.00
10 Frame, without inside fixtures	.60	2.70	5.30



No. 1 Regular Dovetailed Super.

Dovetailed Comb Honey Supers.

The following prices are for No. 1 or Beeway Supers. No. 2 or Plain Supers, and No. 4 or Four by Five Supers cost 5c each extra.

Including Section Boxes and Foundation Starters.

In Flat, including Nails.	1 Super	5 Supers	10 Supers
8 Frame	$ .90	$4.00	$7.90
10 Frame	1.00	4.35	8.50

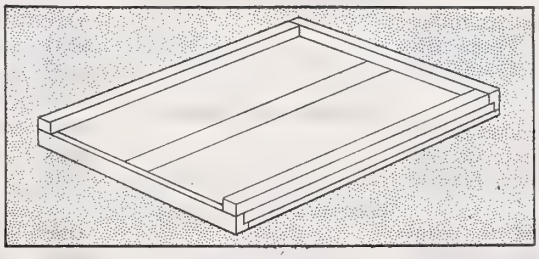
Dovetailed Comb Honey Supers.

Not Including Section Boxes or Foundation Starters.

In Flat, including Nails.	1 Super	5 Supers	10 Supers
8 Frame	$. 65	$2.75	$5.40
10 Frame	.70	3.00	5.90

Empty Supers.

In Flat, including Nails.	1 Super	5 Supers	10 Supers
8 Frame	$ .33	$1.50	$2.90
10 Frame	.35	1.55	3.00



Bottoms for Dovetailed Hives.

The Reversible Bottom.

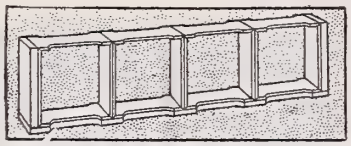
In Flat, including Nails.	1 Bottom	5 Bottoms	10 Bot's
8 Frame	$ .30	$1.40	$2.70
10 Frame	.32	1.50	2.90

Section Boxes.

We carry the following sizes in stock, all No. 1 grade. 4¼x1⅞, 2-Beeway—4¼x1½, Plain. 4x5x1⅜, Plain—3⅝x5x1½, Plain.

Prices as follows.

100	$ .85
250	1.75
500	3.00
1000	5.75
2000	11.00
3000	15.75
4000	21.00
5000	25.00



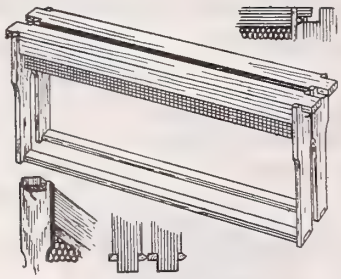
Regular Two Beeway Section Boxes.

Plain sections, 25c per 1000 less.
By parcel post, add 25c per 100 for postage.

Section Holders.

Prices—Slotted Section Holders, 100, $2.30; Plain Section Holders, 100, $2.00.

Brood Frames.



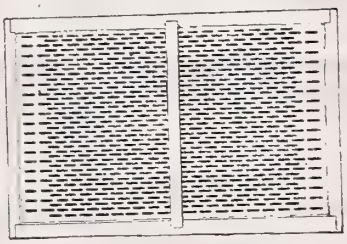
Self-Spacing Hoffman Frame.

Prices in Flat, including Nails, 10 Frames, 40c; 100 Frames, $3.50.

Shallow Extracting Frames.

Prices in Flat, including Nails, 10 Frames, 30c; 100 Frames, $2.70.

Queen Excluding Honey Boards.



Wood Bound Zinc Board.

Prices as follows:	One	Ten
For 8 Frame Hive	$0.41	$3.80
For 10 Frame Hive	.47	4.20

Unbound Zinc Board.

Prices as follows:	One	Ten
8 Frame, 12x19⅛	$0.38	$3.20
10 Frame, 14x19⅛	.43	3.60

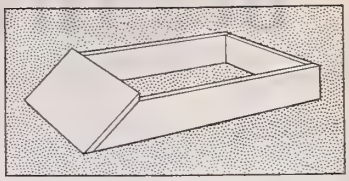
Wood and Wire Boards.

Prices as follows:	One	Ten
8 Frame, 13⅞x20	$0.40	$3.00
10 Frame, 16 x20	.45	3.50

By parcel post, add 15c each for postage.

Plain Division Boards.

In Flat, 8c each; 5 for 35c; 10 for 70c.

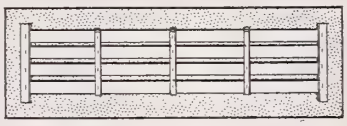


Hive Stands.

In Flat, including Nails.	1 Stand	5 Stands	10 Stands
8 Frame	$ .17	$ .75	$1.50
10 Frame	.17	.75	1.50

Wood Separators.

Price—Slotted Sawed Wood Separators, 100, $1.20; Plain Sawed Wood Separators, 100, $1.00. Used in No. 1 Super.



Fence Separators.

Prices, any style, 100, $2.30.

No. 2 or P Fence—Used in No. 2 or plain super, with plain section holders and plain 4¼x4¼x1½ sections.

S Fence—Used with plain 4¼x4¼ sections in slotted section holders.

Lewis Section Former.

Price, each, $1.15.

For 4¼x4¼ sections only. This is a simple device for folding together sections. If you do not use a large quantity of sections, this is the best former on the market and the price is low.

Lewis Foundation Fastener.

Price, each, $1.15; by parcel post, $1.40.

Without doubt the simplest and best device for the purpose ever offered to the bee keeper.

Daisy Foundation Fastener.

Price, with lamp ..... $1.25; by parcel post, $1.50
Price, without lamp ..... 1.00; by parcel post, 1.25
Weight, without lamp, 5 pounds.

Parker Foundation Fastener.

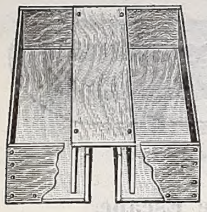
Price, each ..... 35c; by mail, 45c

West's Queen Cell Protector.

Prices, each, 5c; 10, 40c; 100, $3.50. Postage 1c each extra.
Spiral Cages, each, 10c; 10, 70c; 100 $6.00. Postage 1c each extra.

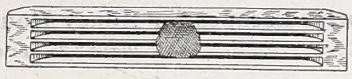
Spur Wire Imbedder ..... each, 20c; by mail, 30c
Van Deusen Wax Tube Fastener ..... each, 25c; by mail, 30c

The German Bee Brush ..... each, 25c; by mail 30c
The Dixie Bee Brush ..... each, 15c; by mail, 20c



Miller Feeder

Boardman Feeder



Simplicity Feeder

PRICE LIST OF FEEDERS.

Alexander, complete	each	$ .30;	for 10, $2.70
Doolittle, nailed	each	.35;	for 10, 3.20
Doolittle, in flat	each	.25;	for 10, 2.30
Miller, nailed	each	.45;	for 10, 4.20
Miller, in flat	each	.35;	for 10, 3.20
Boardman, nailed	each	.20;	for 10, 1.90
Boardman, in flat	each	.16;	for 10, 1.50
Simplicity	each	.10;	for 10, .90
Thale's Vacuum Feeder	each	.45;	for 10, 4.00

By parcel post, add 15c each, extra.

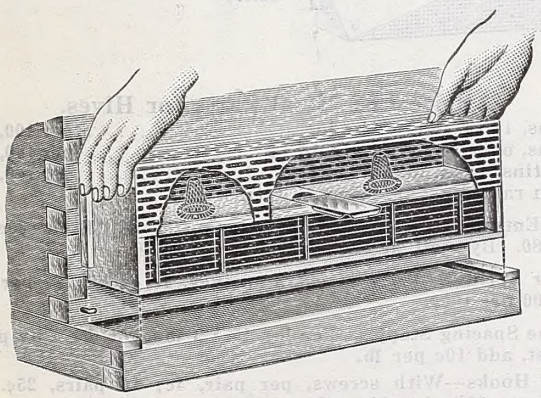
Honey Knives.

Bingham's Uncapping Knife—Standard length, each, 70c. By mail, 80c. Extra long, each, 80c. By mail, 90c.

Nickeled Hive Tool—A handy tool to use as a scraper or pry. Price, 40c; by mail, 50c.

Honey Extractors.

No. 5, Novice	each, $ 9.50
No. 15, Cowan	each, 13.00
No. 25, Automatic	each, 28.00



Alley's Queen and Drone Traps.

Perforated Zinc Style.

Each .....50c; 10, $4.50. By mail, 10c each extra

Woven Wire Style.

Each .....55c; 10, $5.00. By mail, 15c each extra

State if wanted for 8 or 10 frame hives.

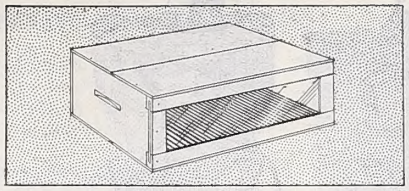
The Carlin Foundation Cutter.

The Carlin Foundation Cutter.

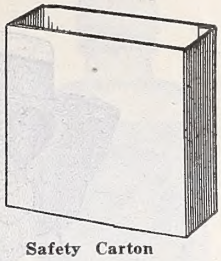
Price, each .....15c; by mail, 20c

Price List of Tinned Wire.

¼ lb. Spools	each,	$0.12;	postage paid, $0.20
½ lb. Spools	each,	.18;	postage paid, .30
1 lb. Spools	each,	.30;	postage paid, .40
5 lb. coils	each,	1.10;	postage paid, 1.30



Shipping Case



Safety Carton

Comb Honey Shipping Cases.

Regular Style.

In ordering, give full description as below.

In Flat, With Nails, With 2-inch Glass.	10	100
24-lb., for 4¼x1⅞ sections	$2.20	$20.00
24-lb., for 4¼x1½ sections	2.10	19.00
24-lb., for 4x5x1⅜ sections	2.00	18.00
24-lb., for 3⅝x5x1½ sections	2.00	18.00

Comb Honey Shipping Cases.

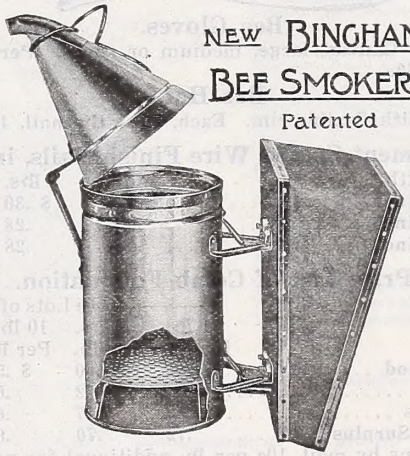
New Safety Style.

Complete in the flat, including nails, 2-inch glass, Safety Cartons, corrugated paper lining and paper for bottom.

Size—Sections.	10	100
24-lb., for 4¼x1⅞	$3.00	$28.00
24-lb., for 4¼x1½	2.90	27.00
24-lb., for 4x5x1⅜	2.90	27.00

Safety Cartons—For any above sizes Comb Honey Shipping Cases, 120 for 45c; 1,200 for $4.20.

Write for Special Bee Supply Catalogue.



Bee Smokers.

Clark Smokers.

Price, each .....55c; 3 for $1.50. Postage, 15c each extra

Bingham Smokers.

Name.	Size of Barrel.	Each.	By mail
Doctor	3½-in.	$ .85	$1.00
Conqueror	3 -in.	.75	.90
Little Wonder	2½-in.	.50	.65
Smoke Engine	4 -in.	1.25	1.40

The Corneil Smoker.	Each.	By mail
Jumbo Corneil	$1.25	$1.40
Standard Corneil	.85	1.00
Junior Corneil	.65	.80

Handy Section Press.

Price, each .....50c; by mail, 65c

Hive Scrapers.

Price, each .....15c; by mail, 20c

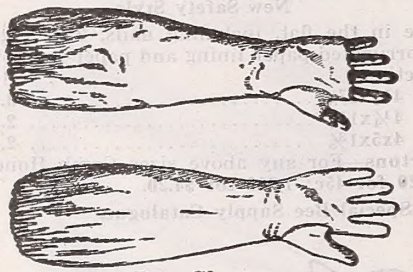
Manum's Swarm Catcher.

Price .....each, with pole, $1.50; without pole, $1.10

Bee Veils.

Bee Veils.

Mosquito Bar ..... each, $ .30
Cotton with Silk Face ..... each, .60
All Cotton ..... each, .50
All Silk ..... each, .90
By mail, 10c extra.
Globe Bee Veil—Sent by mail for $1.00. Extra nets, 60c each.



Bee Gloves.

Bee Gloves—Canvas, large, medium or small. Per pair, 50c; by mail, 60c.

Bee Hat.

Bee Hat—With flexible rim. Each, 30c. By mail, 45c.

Fine Cement-Coated Wire Finish Nails, in Bulk.

Style.	Length.	1 lb.	5 lbs.	10 lbs.
4d,	1½-inch	$ .07	$ .30	$ .60
6d,	2 -inch	.07	.28	.55
8d,	2½-inch	.07	.28	.55

Price List of Comb Foundation.

	In Lots of			
	1 lb. Per lb.	5 lbs. Per lb.	10 lbs. Per lb.	25 lbs. Per lb.
Medium Brood	$ .62	$ .60	$ .58	$ .56
Light Brood	.64	.62	.60	.58
Thin Surplus	.69	.67	.65	.63
Extra Thin Surplus	.72	.70	.68	.66

Foundations by mail, 10c per lb. additional for postage.

Size and Sheets per pound.

Medium Brood ..... size 16½x7¾, Sheets 7 to 8
Light Brood ..... size 16½x7¾, Sheets 9 to 10
Thin Surplus ..... size 16½x3¾, Sheets 28
Extra Thin Surplus ..... size 16½x3¾, Sheets 32

Section Holder Nailing Form.

Price each, 60c, by parcel post, 75c.

Frame Wedge Driver.

For Hoffman Frames, each 80c; by parcel post, $1.00.

Rauchfuss Foundation Cutting Box.

This box will hold about forty sheets of Surplus Foundation and with use of corrugated edge knife, which is included, the whole lot may be perfectly cut at one time. Price, each, complete, 90c; by parcel post, $1.10.

Soap That Will Remove Propolis.

Lava Soap, price per cake ..... 5c; by mail, 6c extra

Bee Books.

The A B C and X Y Z of Bee Culture—Price, $1.75; by parcel post, $2.00.

The latest edition. This book has just been thoroughly revised. More matter has been added, so that it is now a veritable cyclopedia of bee keeping, containing nearly 600 pages.

Langstroth on Honey Bees ..... price, $1.00
First Lessons in Bee Keeping ..... price, .50

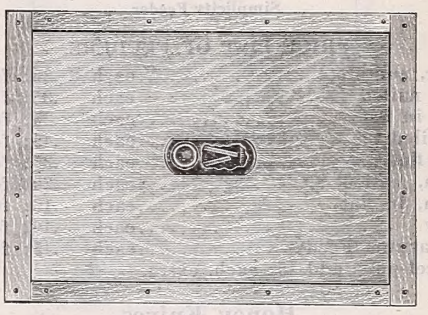
Porter Bee Escape

Porter Bee Escape.

Price, each ..... 15c; $1.65 per dozen, postpaid

Porter Escapes for Honey Houses.

Price, each ..... 20c; $2.25 per dozen, postpaid



Bee Escapes With Board.

Price, each ..... 30c; or 10 for $2.70

Queen Mailing Cages

Price each, 5c; 10 for 35c; 100 for $3.00.

Price List Metal Parts for Hives.

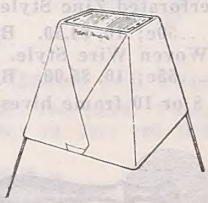
T tins, 14 in. long or under ..... per 100, $1.20
T tins, over 14 in. and to 16 in. ..... per 100, 1.40
Flat tins, 14 in. long or under ..... per 100, .50
Tin rabbets same price as T tins.

Bee Entrance Guard—Perforated zinc style. Each, 20c; 10, $1.80. By mail, 5c each extra.

Super Springs—Price of extra springs, 1c each; 75c per 100; $6.00 per 1000.

Frame Spacing Staples—Per lb., 15c; 5 lbs. for 65c. By parcel post, add 10c per lb.

Hive Hooks—With screws, per pair, 4c; 10 pairs, 25c. No screws, 10 pairs, 20c. By mail, 2c per pair extra.



Protector Shown Placed Over Wicket

The Houston Plant Protector.

With this new device you can raise earlier vegetables. It protects them from frost and cold. Keeps away mice and insects, therefore, avoids replanting such seeds as melons, cantaloupes, cucumbers, squash, etc. Have earlier tomatoes than your neighbor by using the Houston Plant Protectors. Wind won't blow them off; rain won't hurt them. Try a few and be convinced. Doz., 50c; per 100, $4.00; per 1000, $30.00. By parcel post, doz., 75c.

THE STANDARD INOCULATION

FARMOGERM

HIGH BRED NITROGEN GATHERING BACTERIA for CLOVERS, ALFALFA, BEANS, and OTHER LEGUMES

WHAT FARMOGERM IS

Farmogerm is a pure culture, or growth of nitrogen-fixing bacteria that have been selected and bred up to transform large amounts of nitrogen from the air into soluble nitrates. These bacteria are grown in a jelly, or food, in which they remain active for long periods of time, and sent out in a bottle which admits the necessary supply of pure air, yet keeps out destructive contaminations. If alfalfa can be grown on hot, sandy land of South New Jersey why can't you grow it?

Alfalfa, Red, Alsike and Crimson Clover, Soja Beans, Vetch, Peas, Beans, Sweet Peas

yield earlier, longer and better when treated with Farmogerm. Farmogerm is endorsed by farmers, Federal and State Agricultural Departments and private estates. It is delivered to you in bottles ready for use—you can inoculate the seed for ten acres in ten minutes.

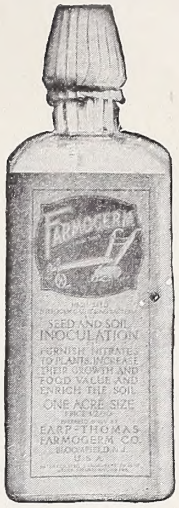
Farmogerm

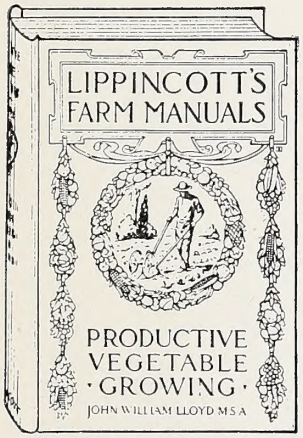
Is prepared for above crops and other legumes; it will not do for any grains, cotton or vegetable seed. Always state when ordering for what leguminous crop you wish the Farmogerm.

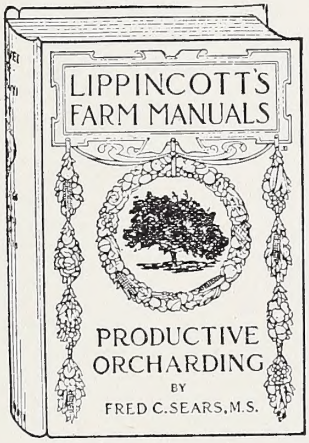
Prices as follows:

Half-Garden Size, for Sweet Peas, Garden Beans and English Peas only	**each, $ .25;**	**by parcel post, $ .30**
Garden Size	**each, .50;**	**by parcel post, .55**
One-Acre Size	**each, 2.00;**	**by parcel post, 2.10**
Five-Acre Size	**each, 6.00;**	**by parcel post, 6.25**

Write for Farmogerm booklet, it's full of valuable information.







Lippincott's Productive Vegetable Growing—By John W. Lloyd, 320 pages, 192 illustrations. Volume 6x8½ inches; handsome cloth binding. **Price, $1.50, parcel post paid.**

Lippincott's Productive Orcharding—Modern methods of growing fruit and marketing same, by Fred C. Sears; 316 pages, 157 illustrations. **Price, $1.50, parcel post paid.**

$1.00—Schwill's Big Bargain Collection—$1.00

Forty packages of Assorted Seeds for only $1.00. At regular prices they would cost you $1.80. A complete garden for only $1.00, parcel post paid. One packet each of the following seeds:

Bush Beans—Burpee's Stringless Green Pod.
Bush Beans—Early Red Valentine.
Pole Beans—Kentucky Wonder.
English Peas—Extra Early Alaska.
English Peas—Gradus Prosperity.
Corn, Garden—Schwill's Early Surprise.
Beet—Eclipse Blood Turnip.
Beet—Early Blood Turnip.
Cabbage—Large Wakefield.
Cabbage—Early Flat Dutch.
Cabbage—Large Late Drumhead
Collard—Georgia White Cabbage
Carrot—Improved Long Orange
Cucumber—Improved Long Green
Cucumber—Improved Early White Spine
Cantaloupe—Rocky Ford
Egg Plant—New York Purple
Lettuce—Big Boston
Lettuce—White Cabbagehead
Mustard—Chinese Mammoth
Mustard—Southern Giant Curled
Onion—Red Wethersfield
Okra—White Velvet
Pepper—Bell or Bull Nose
Pepper—Long Red Cayenne
Parsnip—Sugar Hollow Crown
Parsley—Double Curled
Radish—Scarlet Turnip White Tip
Radish—Long Scarlet
Radish—French Breakfast.
Radish—Icicle
Spinach—Curled Savoy
Squash—White Bush
Squash—Yellow Summer Crookneck
Tomato—Acme
Tomato—Stone
Turnip—Red or Purple Top
Turnip—White Flat Dutch
Turnip—Mammoth Purple Top Globe

Forty packages—one each of the above popular varieties for only $1.00, parcel post paid.

No changes allowed in the assortment as they are put up in advance.

The Kirke Automatic Lawn Feeder and Fertilizer and Insecticide Dispenser

Spraying Insecticides and Fertilizers with the Kirke Dispenser.

Abolishes the use of stable manure, so objectionable because of its disagreeable odors, and the abundance of weed seeds contained therein.

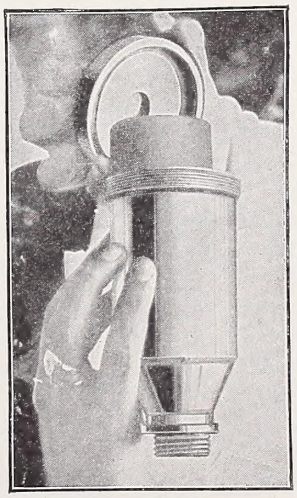
It applies the fertilizer while watering, and feeds the grass or garden with high grade, immediately available, concentrated plant food.

It is a neat device easily attached to any garden hose. It will last a life time, and can be used both for Kirke Fertilizer and Insecticide cartridges.

The cartridges that fit into the feeder are prepared from the highest grade of concentrated fertilizers, absolutely soluble and quick-acting. This combination will make plants grow and flourish, keep the grass green and the flowers in bloom.

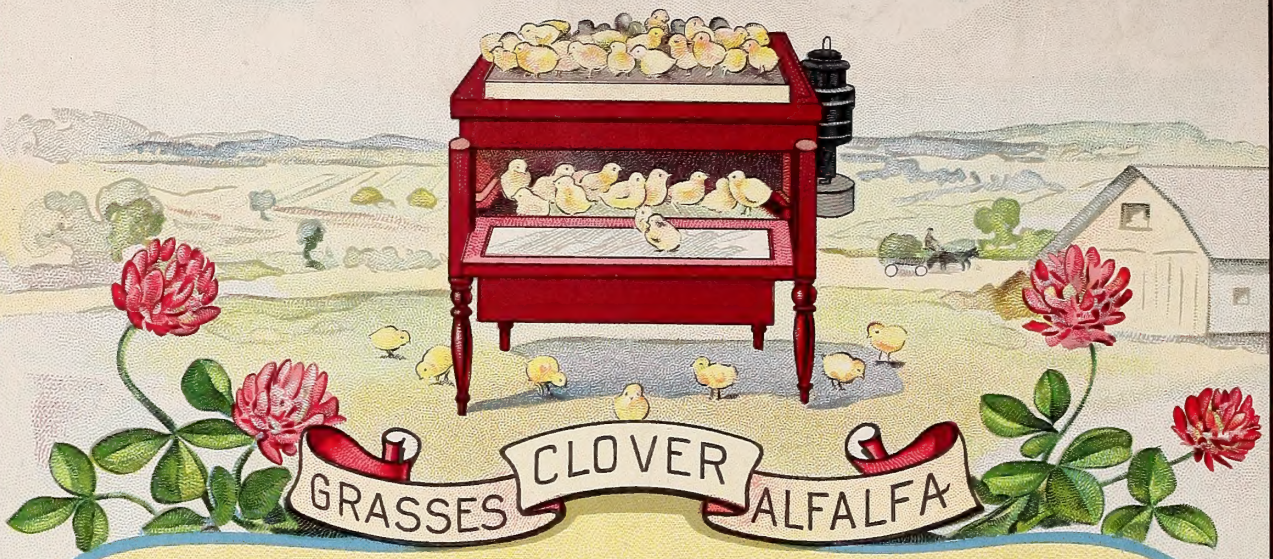
Price of Kirke nickel plated Dispenser, as shown in cut, $3.00 each. Kirke Fertilizer Cartridges, per box, 25c. Insect Cartridges, per box, 40c. Kirke Arsenate of Lead Cartridges, per box, 40c. Hot House Special Cartridges, per box, 40c. Kirke Sprinkling Can Plant Food Tablets, per box, 25c.

Write for complete descriptive booklet on this wonderful discovery.



The Kirke Automatic Lawn Feeder Fertilizer and Insecticide Dispenser.

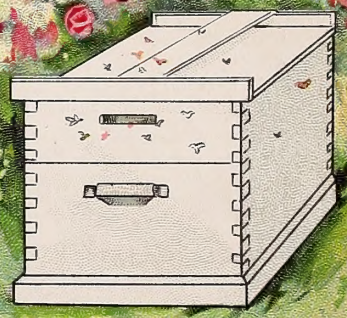
CYPHERS INCUBATORS AND BROODERS



Schwill's Bluff City Brand

FIELD SEED-CLOVER-ALFALFA-GRASSES-SEED OATS-MILLET-CANE SEED-COW PEAS-COTTON SEED-SEED POTATOES SEED CORN ETC.

G.B. Lewis Co.
BEE HIVES AND SUPPLIES



Schwill's Poultry Supply Department
SOLE DISTRIBUTERS OF
RED COMB POULTRY FEED,
CHAMBERLAINS PERFECT CHICK FEED,
CASSELLS CHICK MANNA,
ZENOLEUM DISINFECTANT AND LICE POWDER,
PEARL GRIT, OYSTER SHELLS,
CYPHERS INCUBATORS, BROODERS,
HOPPERS, FOUNTAINS, REMEDIES.

The Standard Spray Pump
A GENERAL PURPOSE SPRAYER FOR ORCHARDS, LARGE OR SMALL GARDEN CROPS, SPRAYS WHITE WASH, CATTLE DIP, DISINFECTANTS, ETC.

SEND YOUR ORDERS TO **Schwill's Seed Store** 10-12 SO. FRONT ST.
THE OLDEST SEED ESTABLISHMENT IN THE CITY **Memphis, Tenn.** COMPLETE STOCK IN ALL DEPARTMENTS

MODERN LITHO. BUFFALO, N.Y.